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 (0) The ceoge jar

## ALL AVAILABLE FOR: SPECTRUM • COMMODORE • AMSTRAD

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## CONTENTS SEPT• 69

18 ADVENTURES<br>10 Oh no, he's leaving us! lt's totally unbelievable (but true)! After years of loyal service MIKE GERRARD is finally upping sticks and strolling off to pastures, er, somewhere else. Time to wave bye-bye!

## CHARTS

It's countdown time with the funkiest chartin Speccylandl Find out what's hot (and what's not) in our Full Price and Budgie Top 20 round-ups! Plus! Brand-new reader's chart!

20LETTERS Satanic Speccies, gorfila at the zoo, Harry Secombe's milkman, lots of personal problems solved (Well, one anyway), and a very sfrange Frenchperson on a bike who's actually a shop. Eh? Prepare to be amazed!

12PSSST Find out what 1992 means for you and your Speccy. Plus! Lots of comings and goings in the shed. And! YS takes a daytrip to Romford.

## 10 SAM COUPE PRINCE OF PERSIA COMPO

SAM hits the jackpot with the brilliant Prince Of Persia, and we give away $£ 200$ 's worth of Coupé coupons. It's a corker compo and no messing (but you probably knew that already)!

2TIPSHOP It's bigger and better than ever before! LINDA BARKER presents TEN pages of the very best Speccy hints and tips, with maps for Night Shift CJ's Elephant Antics, Quickdr McGew and Hero Quest (and obviously quite a lot more

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Computer Express, Amstrad Action, Classic CD, PC Plus, PC Answers, 8000 Pius, Sega Power, Amiga Power, Amiga Shopper, Neediecraft \& Mountain Biking UK (Busy ittle bees, arent wel) 20,

From the designer of

- $£ 300$ in Prizes to be won every month!
- Lots of Free Telephone Time to be won! - 3 Character Types! Play as a Hero, Thief or Guard!
- Caller Interaction! Make friends or enemies of other callers!
- New Combat System!
- New Sound Effects!
- New Monsters!
- New Puzzles!
- No-Delay Play! Faststarts! Fastsaves!
- Rules fed out only as you need them!

Steve Jackson's Masterpiece of the Macabre
YOU can star in your own personal fantasy audio adventure. Tricks, traps and treachery await you in this, the ultimate telephone adventure game from GamesMaster Steve Jackson.

Heroes must try to escape from The Slaughterhouse in the fastest time possible. Hint - Talk to other players; they will help you to find the escape route.
Thieves must steal as much gold as possible from the game characters - and from other callers! Hint - Don't kill other callers unless absolutely necessary. Guards earn money by extortion from game characters and by arresting other callers. Hint - Only arrest Thieves who have killed another caller or Heroes.

## Live Encounters!

You will regularly come across other callers. Is he Hero, Thief or Guard? Will you risk talking to him? Can you trust what he says? Or if you don't trust him, will you strike the first blow? Heroes need escape information from other callers. Thieves need to appear friendly to get dose enough to pick pockets. Guards must find out about any strangers they meet - a wrongful arrest carries a heavy penalty.

## New Combat System!

Outguess your opponent each Attack Round by dialling a number between I and 3. A 3 (Savage Attack) beats a 2 (Lunge) which beats a I (Guarded Attack) which beats a 3. Work out what happens when you both choose the same number! Monsters fight to the death - but in recognisable patterns. But with UVE opponents, you can opt to either Plead For Mercy (dial a 9 ) or Spare his Life (dial a 0).


## Silluili



## Gargoyle Games


friendship with a smelly little bloke called Apex, who keeps following you around and knows all the dungeon gossip.) Everything's done using magic (including fighting and opening locks) and, as you might have guessed, it's text-led. Always type the 'keyword' first

Blimey! We're so good
to you! Heavy On the to youl Heavy On the Magick is an absobloomin' stonking YS Megagame from July 1986, and pretty similar to all those other Gargoyle adventures we've had on the tape (like Tir Na Nog). You play Axil, a magician who's (.1) $\begin{aligned} & \text { been thrown into lots } \\ & \text { of dungeons by the } \\ & \text { evil Therion, with }\end{aligned}$ only a leather pouch and spell book to help him escape. Trouble is, the book doesn't have any pages (just the contents bit) - so you've got to go off and find them all! Of course, the place is packed

This rather aimiable (but stupid) looking troll is just about to kill you. Oh no! (Where's Apex when you need him, eh?)

is just
with rooms, baddies and objects (to pick up and keep, or use, or whatever

(N. SW. F etc - see the Controls box), followed by the object you want to do something with. These objects are Asmodee (the Great Destroyer). Astarot (the Spirit of Assemblage), Axil (you), Belezbar (the Master of Flies), Book, Box, Bottle, Loaf, Candle, Chair, Demon, Magot (the Diviner), Object, Table, Wall, Monster, Sword, Rock, Sign and Ruby.
If you want to bash something up (or get info on it, or whatever) you need to type "name, object. Name is whatever you're addressing, object is the thing you want to do something to. And that's it. There are three exits. Go and find them!

## CONTROLS

N/S North. South etc Left<br>\(\begin{array}{ll}R \& pight<br>Z \& Swop info\end{array}\) in Window 1<br>a Return to option screen




What a stupid looking monster, he's nothing to be scared ofl Erm, mind you, he is a bit on the big side. Eek!
you want).
You need to increase your skill and status levels as you go, having a jolly good natter with anyone (or anything) that comes your way. (You'll certainly want to strike up a budding


CLVGULUSSimon and Julia Barnsley çmplety

0lympus isn't just good-it's blimmin' unbelievable! In fact, it's probably the biggest and bestest reader game we ve ever had.
In theory, the game's pretty simple

sur-it's a strategy jobby set in ancient Greece played out on a map. In practice, it's a bit more tricky cos there are so many weird and wonderful characters to meet and things to dol

Basically, it's a contest between
six gods (and goddesses) to see who can get the most glory points. You and up to five friends choose which one to play and then run around the map controlling heroes and heroines (who we'll just call heroes from now on). Glory points are won when your hero destroys a monster (more on them later) or

Cy/manages to capture a Quest (more on those tool). Cos it's a strategy game, you have to think out your moves and also try to sabotage the other gods' plans by taking control of their heroes or causing socalled 'divine occurences:

Right, that's all the intro stuff over. But before we get into playing the game proper let's introduce ourselves to some of the names and faces dotted around the map (basically everybody who was anybody in Greek mythologyl). First, here's who you can choose to be..

## THE GODS AND GODDESSES

Aphrodite The goddess of love and beauty (phwoar!).
Apollo Prince of the Gods, and the most beautiful bloke in the universe. Athene The goddess of war, Athene is actually rather merciful and heavily into peace.
Demeter The goddess of all growing things. (She's obviously a bit of a farmer and wears wellies).

Dionysus The god of ecstasy and
842 drunkenness, joy, music and poetry and wine. (Wa-hey! Ed)

Poseidon God of the ocean. By banging his trusty trident on the sea bed he can raise islands or sink whole continents.


What a spooky bunch, eh? But they're not as bad as this lot coming upl Here are all the 'little people' who the gods (ie you) can control..

## THE HEROES AND HEROINES

Achilles Blimming fast and strong. He was dipped in the River Styx to make him immortal.
 Ariadne Abandoned by Theseus, she got her revenge by making his dad jump into the seal
was mad, but someone found him out and he was sent on the expedition to Troy. Orpheus A very musical blokie who

1 4saved the Argonauts from the Sirens by playing his lyre.
Penthesilia An Amazon Queen who killed (almost) every Greek she fought.


Perseus His grandfather tried to kill him but failed. Later Percy killed the gorgon, Medusa.
Theseus Strong, intelligent, and famous for his monster-slaying skills. (He killed the Minotaur.)
 haven't room to tell you everything so you'll have to go and get a book from the library, or something.) Right, when you're ready, we'll work our way down the line..

## THE MONSTERS

Amycus A good boxer with spikey gloves.
Arachne A weaver who was turned into a spider. Cacus A giant threeheaded shepherd. Cerberus A threeheaded guard dog (woof)
Charybdis A whirlpool that swallowed the sea. Diomedes' Mares Savage horses who ate men.
Echidna Half-
woman/half-serpent, who ate, erm, men. Harpies Winged female monsters who snatched food from tables and made what was left uneatable.
Hesperides Guarded the Golden Apples. Ladon A talking dragon with a hundred heads. Minotaur He ate children. Yum! This is the map where you slice monsters heads off, get on ships and, ooh, londs of 7. other things, Big, Isn't 1t? And colourtul? The rod squares are monotere, tho pink onet are quents, the whito ones aro horo helpors and the blue ones are heroms. Hurrahit $A$ a you can 800 , there aro loadr of different types of lindseapo for you to oxplore. But bo Jure to watoh out for those bogs and smofly marahes though. (Bfoughl)

Nemean Lion He

## couldn't be hurt with

 weapons (but got a bit irked if you tickied him).Atlanta She was warned by the gods that her mortal life would stop whenever she got married. So that's exactly what she did, and the silly girl got turned into a lion.
Bellerophon He tamed Pegasus and tried to fly up to Mount Olympus which is where the gods live. They got a bit peeved and made him wander round the earth, lame, blind and friendless 'til the day he dind. (Sob.) Heracles The strongest man ever, it was his job to protect men and gods from destruction. A bit of a yobbo from the word go, he strangled two snakes while he was still in his cradle.
 Jason He was sent off to find the 6 Golden Fleece and was killed by a beam from his old ship. The Argo (the same one that Ray Harryhausen
 used in Jason And The Argonauts).
Medea Fell in love with Jase, and helped him get the Golden Fleece.
Odysseus He tried to pretend he
(Stop lying. Ed)
Procrustes He chopped tall people's legs off. Python A tree-feller with a jolly big axe.
Sciron He kicked people off cliffs!
Scylla She had six dog heads around her waist.

## Eek!

Sinis He catapautted people from trees!
Talos He ran around a lot and threw rocks at ships. Typhon So big he could throw mountains about.

$2 x$Right, that's
 (most of) the characters out of the way, now what about these quests then? Quests are fought in the same way as monsters but are worth more glory points. So, strap on your sandles and come this


## A FEW COMPLICATED MATHY BITS

## Fighting Monsters

You don't actually get anything for kiling a herothey are simply reborn somewhere else with all their original amounts of strength and defence, but the controlling god loses control of that character. If a monster kils another monster then no awards are given, but if a monster is killed by a hero then.

- You get a few glory points if the monster is controiled by another god (equal to $7.5 \%$ of the monster's potential strength and defence to be precise). It if's uncontroiled then you get fewer glory points (equal to $5 \%$ ).
- The hero gains $7.5 \%$ or $5 \%$ (as above) of the monster's potential strength and defence and two extra movement points
-There's also a sort of balancing effect going on So it the controling god (who's just won the fight) has loads of influence points (and is therefore very strong) then he gets less glory points. But if all the other gods are stronger than you then you'll get more glory points. If you see what we mean.


## Fighting Quests

When a hero defeats a quest.

- They get to 'carry' it (you can carry up to three a a time). Quests cannot be dropped or transferred.
- The hero gains 7.5\% of the quest's potential strength and defence and two extra movement points.
- The god in control of the winning hero is awarded glory points equal to $7.5 \%$ of the quest's potential strength and defence.
- When a hero returns to Mount Olympus the controlling god is awarded 20 glory points for each quest the hero is carnying.


## DIVINE OCCURENCES

Each god has their own special trick..
Apollo - Storm Randomly moves any hero helpers in the affected area. Can only be used in land areas.
Athene - Tempest Randomly moves ships in the affected area and heroes aboard ships. Ships will always end up in water but heroes can end up either on land or in water.
Poseidon - Earthquake Randomly moves each hero in the affected sector. Can be used in land areas only.
Aphrodite - Beguilement Randomly influences heroes controlled by other gods in the affected area. Influence points will be gained for each hero affected.
Dionysus - Plague Randomly reduces the potential strength, defence and movement allocation of controlled heroes in the affected area. Demeter - Famine Randomly reduces the life level of controlled heroes in the affected area.

## THE DYNAMIC DUO!

Olympus is the work of Julia and Simon Barnsley who've been toiling over it for seven years Simon is a very important chap in a bank and says he's really pleased it's finally found a home. It's the same old story - we
Simon's on the lef? sent it off to loads of companies, they all thought it was really good but couldn't fit us in. It's certainly been really popular with everybody who's played it (no matter how old they werel) so you're in for a real treat." And never was a truer word spoken.

Fin



## * ?

+11\%THE QUESTS Ceryneian Hind She's blimmin' fast. Cornucopia This'll give you loads of food and drink. Golden Apples Very powerful and very heavily guarded. Golden Fleece King Pelias wanted to get rid of Jason ( w should've been king) so he sent him off to fetch the Golden
 Fleece.
Harmonia's Necklace This made the wearer really beautiful and lots of people jealous.
Helen The most beautiful woman in the world (at the time). Helios' Goblet it belonged to the sun-god. Hippolyte's Girdle A golden belt which proved that the wearer was the most powerful woman in the world.
Pegasus A winged horse, actually.
Persephone Hades (the King of the


Underworld) took
Persephone down to his Kingdom and her mum went looking for her and forgot all about the crops.
Speaking Oak Wowl A tree that speaks! Winged Sandles These make the wearer travel as fast as the wind (ie. . pretty darn speedy) $-2$ And that's it. Blimey -the things YS does for its Spec-chumsi We don't just show you which games to buy - we turn you into fully-fledged authorities on Ancient Greece tool (And if actually want to know how to pla the game, then have look at the controls over there.)


## TO LOAD

In 128K mode, go to 48 Basic and enter Load ** (do not use Tape Loader). After loading, press the cursor key for left ( (<) to access the demonstration game.

## GONTROLS

And now we come to the bit that youve all been wating for The first set of keys to come fo terme with are those which charree the stae of the map when you're looking through the viewing window (which is tho litie tlasting biac
thingi To mowe ahout the screen (in down etc) yoit thing). To move about the screen (up, down etc) you use
tha cursor keys and, ust to move generally, you need the cursor keys and
movernent pointe.
$z z$-zoom invout for magnification $x 4$. Press $z$ twice and $z / 2$ - Zoom invout for magnificaton x4. Press $z$ twice at
youll get magnification xlipress if apain and youll pot. youll get mapnitication xlipross if apain and youll pot a/C - Change display mode forwardibackward The map - PICTUPE MODE Shows iokuins.
-CONIROLMODE Stiows atrengins and defences. Those of cortroled heroes are shown in tie colour of the
Controling god. MOVEMENT MODE Shows the number of movement points required to move a hero or monster to monther part of the map withour the use ot horses or ships Monsters cannot take horses or ships but they can move Monsters cannol take horses or suys ou tuey cah
into witer without a shio. Heroes, on the oither hand, can take both horses and stips but they dont last very long in water without a the.

- ASSISIED MOVEMENT MODE Shows number of movement points you need to move a hero or ehip with ont: another type of terrain. (But only il ihey ve got a horse or
-TERPAIN MODE Shows |ust the map (without any tokens). The mup shown here is on magnilication kt and in plature mode
$\times x$-Exchange with/carried Excharge is the only way a god can move a hero they control from a ship they dont control onto adjacent land.
nN - Find next previlous controlled token Speaks for tseelf (we think).

Next up are the keys used to perforn actions.
( - Inlluence li you cartre the verwing window on a token you want and pross it then youll hear an ascending sound the sound is a descendinc one then it means that another god has iss for control of the chir sclie, Intuencing costes power points, so make sure you ve got enough.
M-Aliocate movement Allocating movement costs one power point, and awards one glory point. The only other Way or peting giory pointe is to ignt mone
$m-5$ witch from View to MOVE mode
IT - Taike onefall To increase your heros itrength flor example) It might help to exchange hero helpers with another heto. Ihero helpers are trings like horses, swords and bows.) At the most, a hero can like one of each sorf of
fi $\mathrm{h}-$ - Release onevall By all means. experiment with the A and T keys, but they only work on the fokens shown on the mep in maprification $\times 3$ and 4 .
h -Heal This increases the hero's ife level and costs one
power point. either a monstur or a hero. A hero can fioht a monster another here (as iong as theytre controliod by another god) or a quest. A monster can fipht a controled hero (unless,
theyre on a ship) or a controlled monstar. To start a fight fust move over to the charncter youve taken a distike to (make sure yoive got enough movement points) and press 1. To capture a quest, simply follow the same procodure. II you wart to withdraw from a tight then press enter. If you do withdraw then you're a yelcw-ben), cowardy. custard and cant start another fight it its the next pod's turn. Also, heroess cant be heabed will the next god's furm. o- Cause divine occurrence Ary pod can cause a dvine occurenca - simply shout 'Occurencel, move the viewing window to the proposed disaster area and press 0 . But you call only do ll onces per turn) Each god has their own special thene - have a look at the box on page seven and youll see jut what they're capable ot:
$u$ - Undo last action (except Heal or Occurence).
And thats about It realy. Play about wht rail the keys and tuke your fime getting used to the game. Before you start playing tor real you shoulc be famiar with ail the five picture modes at each of the four magnitication factort (That's 20 dinforent combinatonst Crikey).
Moit importanty, don't be put off by the amiount of instructions Once you pet the hang of ti, Olympus really is quite easy and as stonking as a very stomking thingl (And you cant say farter than thaty, Here in the office, were completely hooked on it In fact, wore even thinking of calling tie shed atert (land since opympus was the home of the pods if makes a weird kind of spooky sensel Hol),


When you load the game up, you'll probably notice it's actually called Godsand not Olympus at alll But don't worryl You haven't got the wrong game or anything, it's just that there's already a couple of games called Gods so we had to, erm, change the name.

## $3030-1015$

## Image Works



You might remember Robozone from Future Shocks a few months back. We told you how good it looked then-and now you can see yourselll Hurrah
You play the last-ever Wolverine, a nice


We're the nice-looking robot, and the horrid long-legged things are the Pollutants. Kill
little robot who's been left to guard New York while all the rich humans take an open-ended holiday away from all the smog. Originally, you had some pals to help you out, but they ve all got bumped off by a bunch of really nasty killing machines called the Pollutants. (Pollutant: Would you like to die? Wolverine: No. Pollutant: Tought Blamt Blami) Your 'big job' is to get to the furnace before the Pollutants do, cos that's where the last of your pals are about to get smelted down. So you'd better hurry up. Robozone's got three ginormous levels. The bit you've got sellotaped to the cover is the first one (well, a slightly shortened version of it anyway)


Eokt IT's a nasty, nozale-headed stick insect. We'd better snap his legs.
which takes place in the New York subway. Then you've got a screen from the second level (up on the streets), and lastly one from the third (in the furnace). You'll be shouting "Blimming excellent shoot-em-up, maties, and thankyou very muchl" in no time (if your mother taught you any manners)
GONTROLS
Joystick keys: Q, A, O, P, and Space.

## Jis $\ddagger: 00 ?$

## Gavin Hamill and Richard Cranford



Yo, pop-pickers! Get ready to bop! In a break from tradition,
this month's Mag 7 sees the inclusion of a rather nifty difty player. It's the work of Gavin Hamill and Richard Cranford and it's made up of six super-sexy tunes, each beautifully crafted to caress and delight your eardrums (so long as you're a 128 K owner, hem).

$$
\text { - }-2+2+\cdots+2+10
$$

This tune

CRAR TEES GUTOANCE ANO SEUERGL
CRESS R NUMEER FROMI 1 TO 6 What a choice, and everyone's a winner, baby! (As we say in showbiz.)

So what's on the turntable? Well, first there's $A x e l$ $F$ by the




4





Of Acchan enterinament mic.

## Disk offer: <br> Fancy making a copy of the tape on disk? Or even

 disk? Or even getting someone to do if for you? Then this is the offerfor you. Simply writ a for you. Simply write a cheque for $£ 2$ slip it int to Ablex Audio Video Ltd, Sour cassette and b) alongside a) and then send it off to Ys address, No.6, Duplication Dept to Mag 7 No.6, Duplication Dept, Ablex Audio Telford, Shropshire TF7 40, 14 Teirord, Shropshire TF7 4QD. You'll
get a disk back within 28 days.
hlimellow

$\qquad$

## $3{ }^{2}$ <br> celis 3 <br> Domark <br> 

 o doubt you read the review last month, so you'll know all about 3D Con Kit already. You'll know that it's not a game. You'll know that it's completely amazing and skill and a bit like a computerised version of Lego, and you can create as many weird and wonderful

## ICM1:1:11 MA!N:Eも令

 Addictive
Urrahl It's a footie management sim - and not just any old one either! As you might have gathered, this is the 'trequel' to Addictive's Football Manager 1 and 2, and it's based on much the same premise as before (ie. that you're a, you guessed it, manager).
 The
difference here is that everything's been generally modernised and polished up.
The demo lets you play about with
most of the options that you'll find in the complete game. You get to sit behind a lovely desk in a nice big office and sort
tap even have a co on your personal computer, and arrange meetings and transfers and send out memos. It's life in the fast lane and no mistake! The finished game will be out in the next couple of months, so start saving your pennies and get plenty of practice in!

## CONTROLS

Cursor keys or joystick.



Let's start at the very beginning (a very good place to start). This is, erm, a house.
landscapes and games as your imagination will let you. But unless you've actually gone out and bought it you won't know nuffink about the 3D Kit Game, which comes boxed up with the proper thingy itself - and is rather mega fantastic in its own right!

And that's what we've got here. Basically, it shows you what the Kif's capable of. You
find yourself on a spooky planet which you've got to get off in order to return to Earth. You need to do lots of exploring and collecting, and, just to be on the safe side, quite a bit of shooting (at anything that moves). Oh, and one last point - a space vehicle would be a handy thing to get hold of so you might like to look for one of them. (Big clue alertl)

## GONTROLS

| K | Move back |
| :--- | :--- |
| I | Face forward |
| Z | Sidestep left |
| X | Sidestep right |
| U | U-turn |
| R | Move up |
|  | (rise/stand) |
| F | Move down |
|  | (fall/crouch) |

W Turn right
Q Turn left
A Activate object
L Look down
P Look up
M Tilt right
N Tilt left
O Move forward Space $=$ Fire


we're not afraid of death! We stare it in the face and stick our tounges out at it. (At least we do when Jon North's around, hem hem. And talking of our resident infy lifer, let's take a look-see at this month's line-up...)

Bubble Bobble Infy lives, immortality Dirt Track Racer Infy damage and fuel. Downtown Infy lives, time and ammo. Hobgoblin Infy lives, time and no loss of glowing thingies.
Insector Hecti In the Interchange Infy lives, time and ammo (plus passwords and cheats!).


Wa-hey! We're just bashing into whatever crosses our path! We just don't care.


[^0] Sal goes to hospital, and Graham Brant of Romford in Essex wins a $5 \times 5$ Bewdley shed...


Whar you'd better wise up on just how European integration will affect the Spectrum scene. And the news That's right, the Spectrum sweeping changes. Ther special attention by has been singled who, even as we speak, are the Eurocrats who, even draft of the Sinclair hammering out the which will shape the future Bill, the document which wise. This month of its role in federai Eure the tape and shows PSSST cuts through the
you just what to expect..

## Resolution 3112 (b) (vii)

 DUIROVINISIIXIRFOR SPPCIIRUIS
The Spectrum's dramatically increased profile means that the appointment of a special ministe will be necessary to oversee its integration into the single market. He ll also have the responsibility of looking after the interests of you the Spec-chum, and sweeping powers to monitor and control the quality of the games you'll be playing. Needless to say, when we mentioned this vacancy to Andy he immediately rushed out of the room and came back wearing a suit, a rosette and a big, cheesy grin
PSsst: So you'll be standing for election, will
Andy: Heyl That's right!


## Resolution 6



## QID SAT:

Several important pieces of legislation are to be introduced to govern the way you use your Spectrum. These include: - A games-playing quota of seven hours per person per day. Exceed this and you may be liable to prosecution.

- Restrictions on how crap games can be. Measures will be
implemented which aim to completely eliminate the crap game by 1997. Manufacturers producing games which score below $93^{\circ}$ in YS face stiff penalties.
- A contribution to the Common Agricullural Policy each time you load a game. (Amount to be decided.)


## Resolution

## 921 (k) (xxyif)

## SPBCTRTUN GANIS AND

## NUROPD

The Spectrum game of 1992 will be a far cry from the sort of thing featured in this issue of $Y S$.

- Instead of massive instruction bookiets in all sorts of wacky toreign languages, all text will be in ust one language: Esperanto. - French games will no longer automatically be weird. Instead. each country will be given a weirdness quota (a certain proportion of its games output must be a bit peculiar). Britain is no exception. - Games will be sold in smaller boxes. (This is because Spanish letterboxes are only four inches wide, which causes no end of trouble for mail order companies.)
- Football management games will be stricly outtawed. (Hurrahi)




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#### Abstract

James Gosh，l＇ve waited a long time for this．You wouldn＇t believe the number of sleepless nights l＇ve had wondering when it was gong to pop through the letterbox and how good it was going to be．I＇ve tossed and turned and stared at the ceiling －I tell you it＇s fair worn me out！I＇m a mere shadow of the incredibly good－looking and eligible bach．．．（Get on with it！Ed）． Oh，okay．Il you don＇t know Turrican 1，hang your




> You're roally deep underground now, and the alions aro aff over the shop. Kocp thrt fire bitton held down and want for them to wrilk into the pnth of your xapping rays!
head in shame．It＇s only one of the best horizontal 8 － way scrolling shoot－em－ups ever to appear on the surface of this planet．It was fast，it was slick．it was mega－playable and it had briliant graphics．So the big question is whether Turrican 2 is better．And it＇s one don＇t think rill answer just yet．（Hal）Nope，first I think III just tell you about it and build up the suspense．

You stat off on the surface of a weird planet called Landorin．Youre there（out of the kindness of your heart）to trash the Machine，a big robot－thing who＇s been trying to wipe out all the people on the planet and
 1）（the rotter） （ But before you even get close to it you＇re going to need to hack your way through seven levels of complete anarchy（see box）．Ulp！ Sounds like a tough job，eh？So，first off，lel＇s have a quick look at the size of Turry＇s equipment（if

## Armed and dangerous， is he？

you see what I mean）．


## AND HERE ARE THE EIGHT（COUNT ＇EM！EIGHT！）LEVELS！

Level 1 You really get chucked in at the deep end here－there are tons of aliens on the surface of the planet！Fight your way through and you＇ll reach a shatt leading deep into the bowels of the world．

Level 2 You come across the first nasty traps and Fitar pittalls here．Oh，and your trigger finger will 3ot probably be aching already（as you＇re under continuous bombardment from nasties）．

Level 3 Oops！You seem to have fallen into a $\overrightarrow{2 x}$ large amount of water．If you can＇t swim，now＇s the time to learn because there are a lot of shark－type nasties swimming your way．

Level 4 Phewl Dry land again．But we re still deep ＊．inside the planet．Here youlil need incredible timing to get onto a lift which whisks you into the reaches of the Machine（shock horrorl）

Level 5 Hmm ．It＇s time for some thievery You＇ll find a spaceship siting around with the doors unlocked and the keys in the ignition，so What do you do？Nick it（Oh，and kill all the baddies which flock around，trying to stop you．）
Level 6 The spaceship bit continues，There 楆远
C．are waves of aliens to fly through and blast，so Fh youre getting two games tor the price of one：
Level 7 As you gel out of the Macting you责：find that there are a large number of baddife Stret whiting for you，Unstrep that inser immedintely Level 8 Arggith The Machinelirs sure to be 5 H⿳亠丷厂彡⿱丆贝： 3？ damage ita bit：

Yep！Turry＇s got new weapons！Cast your mind
back to the original game，and youll remember he had

HEALTH You＇ve really got to keep your eye on this．It drains away at an alarmingly fast rate whenever a nasty comes into contact with you！
occasionaliy give you other spin－of weapons powe or extra time．

GEMS COLLECTED These gems occur throughout the game，and as well as giving you a rather nice points rather nice points

[^1]a litchy laser thing and a Lightning Beam＇．These have been upgraded，so now he＇s got an improved lightring laser（which sprays electron death like a hose）and a blaster gun which fires blobs of electricity at everything in its way．Also available are pick－up weapons such as extra－wide blasters（to hit more aliens）and special long－range lasers．In fact，you couldn＇t ask for much more firepower in a shoot－em－up．Everything looks incredibly mega－destructive and mean（except the lightring gun which looks a bit crap on the screen， like it＇s been programmed in BASIC）．
As you blast your way through the swarms of mutant baddies you realise just how huge the playing area actually is．It＇s not just right to left scrolling we ve got here－you can go up into higher spooky unexplored cavems，or drop down a waterall or something to visit the nether regions（ 00 － er！）．Of course，you don＇t need to go through every screen to get to the end of each level but it great knowing theyre there（to visit on a return trip if the


Cort This hideous snakesthing is certainly bloeking your wayt（A）bit C ．
 the error of hile ways，don＇t you think． Spec－ehtine？
fancy takes youl），
But it＇s not just the number of screens thar＇s so impressive（ 900 at the last counti）－it＇s how much programmers Enigma Variations have been able to cram into them all．Every step of the way you come across absolutely loads of WHAT＇S aliens，pick－ups and new GOING ON
HERE，THEN？
Here＇s a typical screen，somewhere deep under the planet＇s surface．Let＇s see what we can see．
TURRY Note the rather swank armour he＇s got．Looks good， Doesn＇t need cleaning and will protect him from baddies（up to a point）．

## SCORE You get

 points foreverything you kill． but wasting an end． of－level guardian gives you gives you－alinst wou muci gong on bonuses like colourtul，our old fitiend Mr．
telephone telephone

Athibute Clash rears his many－ coloured square heads again and some of the sprites sort of mix together a bit．Il＇s a pity，but a small price to pay for the generally stonking graphics．

## Billions of baddies

Tury moves very much as he did in the original，but


Turays using tho Dlehtning lasergen horo. Ho ewn twin it round his head and zap atiens in any directiont
this time a bit faster and smoother. He's still got the ability to jump huge distances (blasting as he goes), but on the ground the sheer weight of baddies makes it difficuit to zip quickly through the game. So to win youll have to be really on your guard - rush in and you're gonna get ambushed and wasted real quick!
There are just so many difterent types of baddies Im not even going to bother describing them all. Basically, though, there are the small ground-crawling types which just get


Waterfalts cen be useful ways of dropping down a
faw Iavals [bul you minhi Tand on a nasty head:
under your feet, there are the flying-and-need-to-be-zappedquickly types and there are the
youll-need-loads-of-shots-to-kill-me guardians, who block vital routes under the surface. If you wipe out all the baddies in one section youll have time for a breather before any others wander over to attack (and boy, will you need the breather), and all in all they look great and move really well.
Youll probably have realised by now that I'm rather a tan of Turrican 2. If's a iot better than the first version (as well it should be, seeing as it's a couple of years on). The graphics have improved, and the sound's nearty up to Dolby standards (well, sort of). But best of all is that it's ridiculously playable and whoppingly huge! Im going to be plugging away at it for a long time and Ill be lucky if can get through to the Machine in 6 months If all this doesn't make it a Mogagame then Im an Icelandic fisherman named Susan. (Hiya Sue!
Ed) Oh do be
quiet Andy $\sigma$


About this time of year, the British go on holiday. You can see them in the Costa Del Sol, Tenerife and Cricket St Thomas Near Chard. And are they enjoying themselves? No, they're not. By the time they get home they need another holiday to recover. So the YS team have decided that holidays are a bad thing, and come up with ways of relaxing without even leaving the shed.

©Andy Ide The big Ed couldn't possibly get any more laid back. but we thought we might as well ask. "Goldifish are the most relaxed creatures in the universe. Because they only have three second memories, they never worry about anything Have you ever watched a goldfish? I often spend up to four hours in front of the goldfish bowl. It's so soothing to watch that streak of orange go round and round and round and round.." We get the dritt

,James Leach James is a modern kinda guy - the kinda guy who steers clear of goldiish (hopefuly). "I actually find it quite hard to relax so live cleared a comer of the shed and taken up standing on my head. It's great - you get a rush of blood to the brain and then you start to feel really laid back. Then when you stand up, the world starts spinning round and your head feels like it's going to explode. It's all incredibly relaxing." What a strange boy!


Linda Barker Linda's fairly laid back, except when she's excited. We toddled over to see how restul she was teeling. "'m doing breathing exercises with Sal. They're ace - you can really feel the
air rushing about in your lungs. And when you breathe in your eyes go all poppy. And if you do it long enough you can almost feel the baby moving." But, Linda, we said, Sal's the pregnant one "Yes, I know, but it's all a matter of empathy. It's good to do just as you're falling asleep as well - 1 tried but 1 think 1 forgot cos when I woke up in the morning I was breathing normally." Oh dear.


Jon Pillar Jon's been working far too hard recently "At home I play the piano. If Im in a bad mood, I play something very fast and tempestuos like Wagner. Then when I've calmed down I move onto a bit of Chris De Burgh. But my piano's far too big to fit into a mere shed. Linda suggested I buy a toy piano. It's a good idea, isn't it? Hmm, that's an opinion

$8 \pi$
8Jonathan Davies It's very hard to tell whether Jonathan's relaxed or in a foul' $n$ furious temper. Beneath that pleasant exterior lurks a monster. (Honest.) So how do monsters relax, JD? "Eh? Monsters? Erm, well I don't know any. Farty used to like sleeping in front of the TV. Does he count as a monster? Yep. But what about you? 'Oh, I like puling the legs off wasps and eating witchity grubs. Bool Eekl Spook!

## 

$90^{-}-100$ - Getting up to fever temperature! Miss a game that's this redhot and you'll get the blues - we guarantee itt Any game that rates an overall score of $90^{\circ}$ or above gets the esteemed YS Megagame rating! It's a happening piece of softwarel
$80^{\circ}-89 \quad$ PDG! (ie Pretty Damn Goodi) A game well worth digging deep into the old dosh bucket fort
$70-79$ A very enjoyable game, but might not be of lasting appeal to everybody.
$60-69$ A tew niggles. Lacking in certain areas. Think before you buy!
$50-59$ Pretty average. Very average in fact. Actually, it's a bit crap.
$40-49 \quad$ Um, below average (believe it or not).
$30-39 \quad$ So sick it's due to be hospitalized.
$20^{\circ}-29 \quad$ Very poorly indeed.
$10-19$ Critical - not expected to last the night.
$0-9 \quad$ Clinically dead.

# Germans grief and playing with his whip． JAMES LEACH gets his 

 map out and follows him．I ndy，eh？What a star！You thought you＇d seen the last of him，didn＇t you？Well，you were right．The Last Crusade was the very final whip－cracking episode of the life of the Man with the Hat that we＇ll ever see at the movies．（Sob．）But blubber not－because now he＇s back（backl Back＇）．This time they haven＇t bothered immortalising his antics on film．Nope，they＇ve just gone straight to the sort of fun that really counts－and made a Speccy game out of itt Hurrah！It＇s a horizontal－ scrolling plattorm shoot－em－up puzzle game，it＇s by LucasFilm（it＇s supposed to have been written by． among others，George Lucas and Steven Spielberg！），it＇s released through US Gold， and it＇s waiting down here for us to have a rather exclusive peak at．So let＇s say hello， shall we？
Hello！It＇s 1938，and Indy＇s just uncovered evidence that Atlantis，that spooky old lost world that sank beneath the waves years ago，really did exist．Apparently，it contains a mysterious metal called Orichalcum which has the power of a thousand atomic bombs（or five strong curries）！And now for the bad news－the Nazis know about it too．Oh nol Obviously they were in the next room listening through the keyhole（the scamps！）because the next you know everyone＇s racing off to the underwater city to indulge in a spot of deep sea metal mining．
Mind you，Indy＇s not on his own this time．


## 解解解解

Completion of the game＇s quite a long way off， so there aren＇t any finished screens yet（sob！）， but here＇s a fow Indy sprites to keep us going！ Being such a drink of water，he＇s had to enlist the help of a pal called Sophia，who claims to be a bit of an expert on Atlantis（but we know she＇s there just to Fin hold his hand when things get a bit rough！）．In the game，you control both characters， although not at the same time（use one，and the other will probably wander off somewhere）． You might need Indy＇s brawn for a＇physical＇bit or something，or Sophia＇s expertise for a puzzle（or both）．

Of course，there are nasty Nazis all over the place，so there＇s a fair amount of shooting going on－but that＇s only one half of the game．It＇s also a puzzler，with you having to work out problems（like finding bits of map，solving codes，locating

## THE CAST LIST

Here are the main
characters in The Fate
Of Atlantis，neatly split up into
है
8 goodies and baddies（although you won＇t get to see the last two unless you open the right doors on the right levels）．．．

## Indiana Jones

A lecturer in Archeology at

different rooms）in order to get onto the next level．And watch out，because it＇s very easy to find yourself on one level and suddenly realise you＇re missing a vital object that you should have picked up on the one before and can＇t progress without．（Also，you＇ll want to pick up as much Orichalcum as you can，cos you＇ll need to use this in various ways all the way

## through．）

Right，that＇s the overall picture．Now lef＇s take a look at the levels in a bit more depth－or at least as much as we can without giving away little hidden secrets which you＇ve got to find out for yourself！

## LEVEL ONE Monte Carlo

We start in a multi－leveled club in Monaco，where Indy and Sophia are looking for a bloke called Monsieur Trottier．He＇s a bit of a dodgy character who＇ll sell them lots of Atlantis－related stuff（like a special compass to find all that lovely Orichalcuml），so the idea is to win lots of dosh at the roulette table，find his office and get lots of clues and items off him（and be on your guard cos his prices change all the time！）．There＇s also another puzzle in which you＇ve got to get a morse code decoder，and after a while you＇ll start noticing a Nazi or two in the background who you＇ve got to bump off．Get yourself a map and you＇ll be able to move onto．．．

## LEVEL TWO

Naval Base
Here you＇re greeted by spotights， and you＇ve got to work out how to get Indy and Sophia in through the

Blimey，what＇s this！？An ancient relic？We＇ll have to wait and see the finished game to find out！


## Sophia Hapgood



The mystic，psychic－type Atlantis expert who Indy recruits to take on his quest．Sophia tends to wear strange，old－fasioned ctothing and jawellery（she probably drinks herbal tea too）， but makes up for it by being the world＇s foremost expert on Orichalcum．




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## WRITE TO THE ED, YS, 30 MONMOUTH STREET, BATH BAI 2BW Star Letter winners receive three free games! All letters win a YS hadge!

'm feeling a bit tired after all that horseriding last month so I won't keep you long. Apart from finding it very difficult to sit down at the moment, I think all that fresh air's done me good. The others were definitely right to send me out of the shed, but perhaps I need something a little less energetic, something that doesn't make me ache so much. Linda suggested butterfly catching but I don't think that running along waving a little net in the air is really quite me. I need something more earthy. I want to express my affinity with the soil. Maybe I'll take up pig-wrestling, or welly-tossing, or something. (Or maybe I'll just have a quick look at your letters first.)

## SPOOK!

Can you help me? My Speccy has become possessed by Satan and I really don't know what to do! In recent months, I've witnessed (with my own eyes) a mysterious power cut (which, spookily enough, happened whilst I was having a nosey about in the fuse box), a joystick that inexplicably broke whilst playing Daley Thompson's Olympic Challenge and numerous games that just refuse to load!

My chum, Bertie, reckons I'm locked in mortal combat with the devil himself! (And he should know, his dad knows someone who knows

Harry Secombe's milkman. And he's got a TV in his bedroom.) Is it possible to have my +2 exorcised? Graeme The Troll Aberdeen

Well, Graeme The Troll, we've been having exactly the same problem. In fact, ever since we did that spooky Speccy spread in Pssst we've been positively inundated with letters like yours. Across the nation, Speccies are behaving in the most untoward manner. We got the local Father in to sort ours out but it didn't seem to do much good. Some holy water dripped down through the keyboard
and our Spec refused to work for ages.

Father O'Myne was quite upset that we'd called him in and insisted that our Speccy's actions had nothing whatsoever to do with the Devil and everything to do with transistors, plugs and chips. We remained unconvinced.
(By the way, who's got a TV in their bedroom? Bertie, Bertie's dad, Harry Secombe or Harry Secombe's milkman?) Ed.

## A WAR-CRAZED YOUTH WRITES

Do you realise that us kids who play computer war games and shoot'emups are turning into a war-crazed generation of kids? (What a lot of rubbish!)

Well, that's what the people who were being interviewed on a radio program said. The thing which offended me was that they did not interview anybody who actually played the games. So I wrote and told them so. I was very surprised

when I had a letter from them inviting me to go to the station with some of my friends to put our case over. It was great fun.

A lot of people actually phoned in to ask us questions and I think we changed a lot of people's minds. This all goes to prove that you've got to stand up and speak out if you want to get anywhere, don't you agree?

## Paul Caister

Hastings, East Sussex
Oh, I agree! I'm always standing up and speaking and it's done me the world of good. I think young people should be made to speak in public it's a learning, growing experience. When I was first made Ed I thought that James and Linda should be taught to overcome their natural shyness so I made them get up on the desk and talk for five minutes every day on a certain topic. They're very good at it now - they could go into a room full of people they've never seen before and talk about


I've gone for a couple of 'personality' pics this month. Little Andy was seriously chuffed with Richard Bain's little doodle (can't think why), but Jon wasn't so enamoured with Glen Dobson's





SPOTT - ED! (ALMOST)
Did you go to the Sunerwest World in Minehead because if you did then I was the idiot that kept staring at you. You can hardly blame me for staring - the shock of seeing a world wide star disturbed me! Darren Calafato Eastleigh, Hampshire
Sorry, Darren, I'm afraid you got the wrong man! Ive never been to

Minehead in my life and I'm not likely to start now. Not now that I'm so rich and famous and charming and everything.

I am actually incredibly famous, in a subtle kind of a way. I always get people staring at me whenever I walk past the computer mag bit in WH Smiths. But I do wish you lot would be a bit more adventurous you can come up and talk to me if you like! It's very lonely being famous. I was talking to Mads on the phone just the other day and she said she felt the same way. It's not all games and parties you know, Spec-chums (although, of course, a lot of it is).

So, next time you see me alone amongst the supermarket shelves or walking through the sun-dappled streets of Bath (all by myself, sob) be sure to come up and tap me on the shoulder and we can swop a few pleasantries. (And you can thank me for sending you three free games for no discernible reason whatsoever.) Ed.
any subject whatsoever, like a match, or an aubergine, or anything! Of course, they're best at talking about things like shooting drug pushers and blowing up tanks. (Cos that's what they do all day.)
And your letter just goes to show that it's talk which really changes things - not force. Unless of course you want to invade another country or kill a lot of people - in cases like that it must be said that actions speak louder than words. Ed.

## OH, MONKEYS!

Last week I went to the zoo and I took my brilliant YS. Halfway round I was just reading the preview of Toki when a monkey swiped my mag. I watched while it got ripped up, crying my eyes out. When we got home, I begged my mum to get me a new one and, of course, she did. Andy Kelly
Manor Green, Birkenhead
Your sad tale had us all in tears but we all cheered up at the happy ending. I'm sure there must be a moral in there somewhere and I looked and looked but I couldn't find it. Erm, maybe all YS readers have lovely mums, or maybe you should never read about monkeys in front of other monkeys.
Anyway, thankyou for sharing such a lovely story with us all. Now go away. Ed.

## A CHALLENGE FOR CHIP

My name is Chip. I have a problem and I wonder if you could help. Here is an example.

Once, while holidaying in France, I befriended a chap called Pierre Cardin. He rode past every day on his bicycle. "Bonjour!" he would call. "Bonjour!" I would reply. But it wasn't
until eight days of this that I realised that he was a furniture shop from Dunfermline. I was so shocked I boarded the nearest plane to Heathrow and when I got back I instantly bought a copy of Delta Charge by Thalamus.
Is there any cure for my ailment? I've done this 18 times. (Oh, and Linda Barker used to be Harold Wilson's pocket Welshman. She would scream every day: "Hello, boyo! Fancy a leek?" He would then go the toilet.)
Chip
Peterborough, Cambridgeshire
Crikey! How strange. You really should lie down more often, Chip. You know what the doctor said plenty of rest and no excitement.

Also, make sure that you sleep well away from any draughts. Those naughty little winds can get into your head through your ears or nostrils and, once they're in, they run around wreaking havoc.

So you've got 18 copies of Delta Charge? Maybe you should give your analyst more money - he's obviously doing a dangerous job. Was he the one who told you about Linda? (I can't think of anywhere else you could have heard it from.) Ed.

## MY MATE FANCIES YOUR MATE

Hippies know all about love, so I was wondering if you could give a friend of mine some advice.
We both work in a shop and one of the girls I work with has told me she fancies him. He is 18 and has never had a girlfriend so, when I told him, he didn't know how to handle it. I advised him to ask her out for a drink but he made up some excuse. He's really shy cos once he was told that the prettiest girl in the class fancied him. But it was a joke and when he plucked up the courage to ask her out she told him to go away.
Any help you can offer will be greatly appreciated.
As to my own taste in men, you can forget the Rich Pelleys of this world. Damien Boater (from Letters, June 1991 ish) sounds much more interesting! Do you happen to know if he's got long hair? I do prefer men with long hair who like peace and do a lot of those Churchill ' $V$-signs.

## Annabel Lafyette

Frimley, Surrey
It's tres strange, my little Annabel, that you should come from the same county, nay, the very same village, as Damien Boater. In fact, I think that either you are Damien Boater or you fancy Damien Boater (and you want him to know it). But we'll ignore this for the moment and settle down


Personally, Id blame it all on the
repeal of the corn laws
The Mad Black Pudding of Bury
Tsk, them blimmin' radica Tsk, them bimmin' radicals. I wouldn't throw them as far as I could smell 'em. Ed.

This letter has nothing to do with pink
A Plephants. Piece of Orange Peel
A Purple Piece of Orange Peel
That's a shame. My first thought or waking this morning was 7 hope I get a letter about pink elephants'. Youve ruined my day, Ed.

Nursel is dinner ready? My foot's getting better.
Scott Kember, Gwent
Ooh, Mr Kember, you naughty man. Take that thermometer out of there, it's time for your bedbath. Ed.

I am writing on behall of the Lincoln Chimney Spotters' Association. Jason Robinson, Lincoln
Sorry, I haven't got any change. I just gave my last 20 pee to some jugging bloke. Ed.

We must keep the Lord God Vic Reeves from students and schoolgirls He must remain pure brethren. Archbishop Brown, Telford It's probably a good idea if you keep him out of YS' way too. (Well. we don't want him nicking any of our ideas, do we?) Ed.
to the advice bit.
Obviously, fear is a big factor here and your friend must be

## WONDERFUL WORLD OF



SPECCY
Those Romanians, eh? They're completely mad. In fact it's probably safe to say that, if you want to remain sane, you'd
better not touch the place with a bargepole. Here's why...

## PRIDE (IN THE <br> NAME OF LOVE)

Hello! I am a guy from Romania. A year ago I had a Speccy and so I bought your mag (of course not from Romania). I found it very good.

But now let's get to the point. I said I had a Speccy. My father was proud of my skills in programming (I was programming in machine code and in Basic, of course). And so he told me one day: "Son, I am proud of you! You have made progress, so I thought you might want an IBM.AT." It sounds like the reply from a fairytale.) I knew it was a powerful machine, sol approved... It goes on a bit, so we'll get to the point. Ed)
.Can you send me the address

## of McAlpee Centre? Htac Gistiano Bucharest, Romania

I have a similar tale to tell. P'm just a normal guy from Yorkshire and a few years ago I had a toy magazine. (You know - one of those where you put all the little letters into a groove and press it on an ink pad and then onto the paper.) My mum was so impressed with my inky efforts that one day she said: "Son, I am proud of you! You have made progress, so I thought you might want a word processor." (It sounds like something from a fairytale) I knew this would be better for my writing sol accepted her kind offer.

Our tales are so similar that I think we must be related. Or maybe we're from the same planet. But / still haven't heard of the McAlpee Centre. Ed.

Talk about surreal. Here's Siadwell of Mars. Q: What do an apple and orange have in common? A: Neither of them can drive tractors.
And if you had trouble understanding that then you'd be best off skipping the next bit. The following 'jokes' are from Bogdan Horotan (from Romania)... Two eagles were sitting atop a mountain. One was bald and one was about to fall!
See? And what about this one.. Three horses were crossing the street. One was black, one was white and one was too slow to jump out of the way! Personally, I think the name was the funniest bit. Bogdan indeed.

## 'S NOT FAIR

I'd just like to say that I read your mag every month and I think it's really cool. But what I am really writing for is to tell you all about my older brother. He's always boasting about his games as he calls them. I like playing on the Speccy a lot but I hardly ever get a chance to cos it's in his room and he always gets there first. Another thing that isn't fair is that he gets $£ 3$ pocket money and I get $£ 1.50$ just because he's
two years older than me.
(Everybody say "Ahh". Ed)
So, he buys a game every week and it takes me two weeks to get one. So he's got twice as many games as me and he does go on about it. Could you please print this in the next issue and send me a game so I can boast to my brother? Peter Andrew Davies Caerphilly, Mid-Glamorgan

Life's not fair, Peter Andrew. Take it from one who knows - it can be a right bast. Just when you think everything's going right Life'll turn up with an uninvited dinner guest (so to speak).
But don't let Life get you down. Just remember that when you're grown up you can buy as many computer games as you want and live on Angel Delight and Maltesers. I do. Ed.

## YOU WHAT?

Gor blimey! Mr Sugar, Sir, please, guv, please don't invest in Tottenham, Sir, 'cos if yer do, "wuz", we'll 'ave that bleedin' Gazza all over the Speccy advertisin', prob'ly, won't we, an' we don't want that now do we, eh? Eh?
The Man With The Stick Port Talbot, West Glamorgan

Wuz? Eh? Ed.

FEMTO PICO


CLEVEREST SCIENTIST ON EARTH
There was quite a fuss down at the Neon Tepée in Penge the other week - Julia Roberts, surrounded by security guards, had jumped onto a table and was causing quite a fuss about something. It was horrifie! The awfulness of it all can't be described. But we'll let Femto try.

I was shocked. Fve seen some things in my time but this takes the biscuit the whole packet of Custard Creams, actually). Julia, who's normally a dear, sweet girl, had leapt onto a table and, without provocation, informed the assembled dancers and drinkers that Einstein had been fundamentally incorrect in his premise that nothing can exceed the speed of light. She claimed she had evidence that sub-atomic particles called tachyons regularly whipped past her $\$ 2.65 \mathrm{~m}$ Hollywood mansion (with heated pool) at over twice this speed.
I was outside, doing a spot of
bouncing, when the furrore started. The manager summoned me quichly knowing that my scientific background was needed). I punched my way past $M_{s}$ Roberts' (frankly puny) bodyguards, then explained to the excited, pouting Pretty Woman' that the existence of tachyons is as yet unproven (and if they do exist, they re what we scientists call tiny), so if shes been seeing them in Beverly Hills she ought to take a quiet holiday

Unfortunately at that moment the table collapsed and Julia fell at my feet, breaking three of my toes and spraining my ankle.
So you see, it's not all glitz and glamour rubbing shoulders with the famous. Sometimes unpleasant sciencerelated things have to be soid, and if there are tears, well, we'ce all stronger and better people for shedding them. $I$ know that Julia has more respect for high-speed sub-atomic physics and I feel her career can only benefit.
Time for a quick letter.,
Dear Femto
I am studying Figher
Geonavigationalaeronauticalthermicastr okineticalquantuminorganicplutonichom ogenousgravitationalneuclonparticleacce eratormonoatomicchromatographicsemic onductalelectrolycity.
Bert Astard, Windemere
I had to cut Mr Astard's letter there because he's obviously lying. There's patently no such discipline. Go away, Mr Astard, you sad, sad individual, and stop wasting my time. Or Ill rip off your nastrils and use them as a putting green. Bye!
Femto

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# PROGRAM 

a barren
desert! It's
what the
world's been
waiting for! It's the dead gurt lush JONATHAN DAVIES with his lovely listings!

There are something like $10,000,000,000$ galaxies in the universe, and each one of those contains about $100,000,000,000$ stars, each of which must have at least as many planets orbiting it.

And I had to be on this one. Trying to
think of an intro for Program Pitstop.
There's only the one program this month. But it's very, very long so it should keep you occupied for a while. It's by lan Gledhill and it's called Chaos Editor. And that's about it really. So l'll leave you in the capable hands of, um, me.

$\square$ by lan Gledhill
There are no fancy names for lan Gledhill's masterpiece - it's a plain and simple editor for Chaos, the groovy game which, as regular viewers will remember, was given away with YS57. Crumbs, that's a year ago today! It'll let you alter everything from the graphics to all the numbers and things, and lots more besides.
The first thing to do is type it all in. No problems there - it's all in Basic, but if you do come a cropper then try switching to 48 K Basic as 128 K Basic can get a bit tied up in itself sometimes. When you've finished, save the program by typing SAVE "CHAOSED" LINE 2.

Then it's time to try it out. Reload the program with LOAD "" as usual, and, when it's finished, slip in your copy of Chaos. This'll then load in and you'll be ready to roll. A list of five options will pop up, the capital letter in each corresponding to the letter you've got to type to activate each choice. They're as follows..
Change Text All through Chaos there are lots of text messages, which you may like to alter to give the game that personal touch. Type in the message you want to change, and then, once the computer's found it (if it exists), the text you want to change it to. Not much use really, but at least it's there if you need it.

View This one lets you hunt through the Spectrum to find Chaos's graphics. Type in the address you want to start searching from (the one the program suggests is probably sensible) and graphics will be displayed one by one (or just a load of mess if you've picked the wrong area of memory). Press $Z$ to exit.
Change Name Here's where you can alter any of the characters' names. Just type in the old name and the new one.
Change Statistics Type in the name of a character and a massive list of numbers will appear on the screen. These are its statistics, which you can now change at will by typing in the new ratings when prompted. Having done so you can then save your modified version of the game (although you might want to change a few other things first).
Edit This is about the most complicated option. It's where you can change the graphics about (having located them with the View option). Move the cursor around the grid using the keys it tells you to, and press all the other keys it tells you to to make it do various other things. (Sorry, but they're all pretty self-explanatory.)

Once you've tweaked everything to your heart's content, and saved it with the Change Statistics option, you'll probably be wanting to know how to play it, won't you? Well, just load the first block of Chaos as usual (the Basic loader) and once that's gone in swop the tapes over so that your version of the code loads in instead of the orginal.
Writing Chaos 2 this way is obviously going to be a pretty laborious process, but stick with it, eh?
0) REM $* * * C H A O S ~ E D I T O R * * * ~$
$* * * \cup 3,1$ by $* * *$ *** V 3.1 by *** ***IAN GLEDHILL***
1 GO то 10
2 CLEAR 31999: CLS : PRINT -P lease rewind tape to beginning o 4 'chaos" ": LOAD "CODE*CODE

> 10 OVER 1: BORDER 1: PAPER 1: INK 7: CLS : LET h=16405-3: LET $\mathrm{x}=1$ : LET $\mathrm{y}=1$ : DIM C $\mathbf{~ ( 1 6 , 1 6 ) : ~ F O R}$ $+=1$ TO 16: LET CE $(t)=000000000$ $0000000^{-:}$NEXT 4 : DIM d(40)
> 20 PRINT FLASH 1:*PLEASE ENGA GE 'CAPS LOCK'": INPUT "Change T ext, View, Change name, change $s$ tatistics, or Edit? ${ }^{\text {Plive: }} \mathrm{CLS}$ : I F v*="V" OR ve="v" THEN GO TO 1 510
> 30 IF v*="T" OR v*="t" THEN $Q$
> - то 870

> 40 IF v*="s" OR v*="s" THEN G
> - T0 600

> SO IF V*="C"OR V**"c" THEN O
> o sub 1340: RUN
> 60 INPUT Address (NOTE: Anima tions start at 602731) ${ }^{\circ} 10$
> 70 LET addr=9: LET FRe4: GO su в во: во то 90
> Bo LET $h=16402$ : FOR $x=0$ TO $+r$ 1: LET $h=h+3$ : GO SUB 100: NEXT $z$ : RETURN
> 90 60 то 230
> 100 FOR $+=$ addr $+(z * 32)$ TO $\mathrm{addr}+1$ $z * 321+31$ STEP 8
> 110 GO SUB 120: ©0 TO 160
> 120 FOR $9=0$ TO 7
> 130 POKE $h+g * 256$, PEEK $(++g)$
> 140 NEXT 9
> 150 RETURN
> 160 LET $h=h+1$ : LET $4=++8$
> 170 GO SUB 120
> 180 LET $h=h+31$ : LET $f=f+8$ : GO S UB 120 190 LET $h=h+1$ : LET $f=4+8$ : GO SU B 120
> 200 LET $h=h-33$
> 210 NEXT +
220 RETURN
> 230 LET $a d=16384$ : GO SUB 250 240 GO TO 350
> 250 FOR $4=0$ TO 16: PLOT 0, 4 *B: DRAW 128,0 : PLOT $+* 8,0$ : DRAW 0,1 28: NEXT 4
> 260 PRINT AT $10,0, "$ " 1 OVER O:" PRESS: " 1 OVER 1, "" " OVER OF "Q , A, O \& $P$ "; DVER 1, " " ; OVER O; "TO MOVE,"; OVER 1, "" " 1 OVER OI "'F' TO FINISH"; OVER 1, , " "; QVER OI"'S' TO SAVE"; OVER 1, ", "; OVER O;"'N" FOR NEXT" ! OVER 1, " " $\ddagger$ OVER OI "FRAME, " $\mid$ OVER I
＂270 PRINT OVER OI＂IZ＂TO QUIT＂ ；OVER 1，＂＂＂；OVER O；＂＇C＇TO CL EAR＂：OVER －TOGGLE＊
280 LET i 末＝INKEY＊
290 PRINT AT $Y+5, X-1 ;$ OVER $11^{\prime \prime}-$
320 LET $x=x+\left(1 *=" P{ }^{2}\right.$ AND $\left.x<16\right)-1$ （ $\$=$＂ $0^{\prime}$ AND $\left.x>1\right)$ ：LET $y=y+\left(i \leqslant={ }^{*} A^{*}\right.$ AND $y(16)-(1 s=* Q *$ AND $y>1)$ 330 IF $15={ }^{*} \mathrm{C}$＂THEN CLS ：GO SU B 80：GO TO 250
340 IF I $\$=$＊＊THEN PRINT CHR E）OVER 1：＂＂＂；
350 IF isw＊＊THEN GO SUB 420 360 IF $i$ क＂＂F＂THEN GO SUB 1080 GO SUB SOO：GO SUB 620：RUN
370 IF $i t=" 5$＂THEN GO SUB 580： STOP
380 IF $1 \$=$＂N＂THEN PRINT AT Y ET addr＝addr＋32：OUER 1：GO SUB BO：GO TO 260
390 IF is＝＂$Z$＂THEN RUN
400 IF I\＄$\rangle *$－THEN PRINT CHR 8i OVER if＂－＊
410 GO TO 280
420 OVER O：IF $c ⿻(w)(y, x)=* 0$＂THEN
GO TO 460
430 LET $c ⿻\left(\begin{array}{c} \\ (y, x)=*\end{array}\right)$
440 INVERSE 1：FOR $\mathrm{z}=1$ TO 7：PL OT $(x+5) * 8+z-48,128-(y * 8)+1$ ：DRA （ 0,6 ：NEXT
450 PLOT $200+x, 191-(50+y)$ ：OVER INVERSE O：RETURN
460 LET $C=(y, x)={ }^{\prime \prime} 1^{*}$
470 FOR $z=1$ TO 7：PLOT $(x+5) * 8+$ $z-48,128-(y * 8)+1$ ：DRAW 0，6：NEXT

480 PLOT $200+x, 191-(50+y)$ ：OVER RETURN
490 GO SUB 500：RUN
500 FOR $f=1$ TO B：LET $d(f)=$ VAL
（＂BIN＂＋cक（4，TO 8））：NEXT＋
510 FOR $\ddagger=9$ TO $16:$ LET $d(f)=$ VAL
（＂BIN＂＋C क $(4-8,9$ TO ））：NEXT +
S20 FOR $f=17$ TO 24：LET $d(f)=$ VA
［＂BIN＂＋CB（f－8，TO 8））：NEXT + 530 FOR $f=25$ TO $32:$ LET $d(f)=V A$ （＂BIN＋＋Cक（ $+-16,9$ TO））：NEXT

540 FOR $f=1$ TO 32
550 POKE addr $+4-1, d(+)$ ：NEXT $\&$ 560 RETURN
570 STOP
SBO LET a＊＝＂CODE＊：SAVE asCODE 32000，65535－32000：INPUT＂Verity ？＂IV末：IF V事（1）＝＂Y＂THEN VERIFY asCODE
590 PRINT＂A11 saved．＂：PAUSE 0 RETURN
610 INPUT＂Character 13 letters
min．）？＂；tक：GO SUB 1260
620 CLS ：PRINT OVER OF＂＊Chara cter Sheet of＂its；＂＊＂：LET us＝t

## ＊

630 LET $t ⿻=t=($ TO 3）
640 PRINT ：PRINT＂Combat
－IPEEK（ $h+13$ ）：PRIN
PRINT＂Ranged Combat
＂IPEEK（ $h+14)$
50 PRINT ：PRINT＂Range
＂IPEEK $(h+15)$ ：PRIN

## T ：PRINT＂Defence

660 PRINT ：PRINT＂Movement A11 owance＂；PEEK $(h+17)$ ：PRIN T ：PRINT＂Magic Resistance ＂；PEEK（h＋18）
670 PRINT ：PRINT＂Manoeuvre Ra ting niPEEK $(h+19):$ PRIN
$T$ ：PRINT＂Law／Chaos Rating
＂IPEEK $(h+21)$
680 INPUT＂Combat？＂；b：POKE（h＋ 13），b
690 INPUT＂Ranged Combat？＂ $1 \mathrm{~b}: P$ OKE（h＋14），b
700 INPUT＂Range？＂；b：POKE（ $h+1$ 5），b INPUT＂Defence？＂；b：POKE（h 710 IN
$+161,6$
720 INPUT＂Movement Allowance？＂
ib：POKE $(h+17)$ ，b
730 INPUT＂Magic Resistance？＂ib POKE $(h+18)$ ，$b$
$>40$ INPUT＂Manoeuvre Rating？＂tb POKE $(h+19)$ ，b

750 INPUT＂Law／Chaos Rating？＂ib
POKE $(h+21), b$
760 CLS ：PRINT＂＊Character She et of＂；un！＊＊＊
フフO PRINT ：PRINT＂Combat
－$\{$ PEEK（ $h+13$ ）：PRIN
$T$ ：PRINT＂Ranged Combat
＂！PEEK $(h+14)$
780 PRINT ：PRINT＂Range
－IPEEK（ $h+15$ ）：PRIN
PRINT＂Defence
P PREEKT（h＋16）
790 PRINT ：PRINT＂Movement A11
owance－$\ddagger$ PEEK $(h+17)$ ：PRIN
$T$ ：PRINT＂Magic Resistance
＂：PEEK（ $h+18$ ）
800 PRINT ：PRINT＂Manoeuvre Ra ting＊iPEEK（ $h+19$ ）：PRIN T ：PRINT＂Law／Chaos Rating
810 PRINT AT 21，0；＂DESIGNING IS NOW COMPLETED．＂
B2O PAUSE O
830 INPUT＂SAVE？＂Ias
840 IF a $=$＂$n$＂OR a⿻三丨⿻二丨冂刂＂N＂THEN
RUN
850 GO SUB 580
860 STOP
880 INPUT＂What text（ 3 letters

890 PRINT＂Searching．．．＂：FOR $f$ $=53227$ TO 54185
900 IF PEEK $4=$ CODE $t \boldsymbol{*}(1)$ THEN GO SUB 920
910 NEXT 4
911 GO TO 880
920 FOR $G=1$ TO LEN T $\$-1$
921 IF PEEK（ $F+G$ ）$\langle>C O D E$ T\＄$(G+1)$
THEN RETURN
922 NEXT 9
923 GO TO 940
930 RETURN
940 PRINT OVER O；＂Found＂IU＊！＂
at＂：F
950 INPUT＂What Text To Replace it with（ 3 letters min．）？＂ITs 960 IF LEN $t=\angle L E N$ U＊THEN GO T 01020
970 IF LEN $T$ SLLEN U＊THEN GO T 01000
980 INPUT＂That is too long．Sh all I truncate it？＊irs：LE T $r \$=r$（1）：IF $r \$={ }^{(1)}{ }^{*}$＊THEN CLS GO TO 940
990 LET t籼㭋（ TO LEN u＊）：GO T － 1020
1000 INPUT＂That is too short．S hall I add some spaces？＂irt：LE T $r \$=r *(1)$ ：IF $r *={ }^{*} n$＂THEN CLS
GO TO 940
1010 LET z 整 ${ }^{*}$
＂：LET $t w=t=+z \%$ TO（LEN u＊－LE
1020 FOR $G=0$ TO（LEN U＊-1 ）
1030 POKE F＋G，CODE（T\＄$(G+1)$
1040 NEXT G
1050 PRINT＂A1I Done．＂：INPUT＂S ave？＂；Sw：IF Sक $(1)={ }^{-N} \mathrm{~N}^{*}$ THEN PAU SE O：RUN
1060 GO SUB 580：RUN
1070 STOP
1080 CLS
1090 INPUT＂Character？＂ITs：INPU $T$＂How many frames（with body）？＂ ifr：GO SUB 1350
1100 IF FR\＆4 THEN LET FR $=4$
1110 BORDER 7：PAPER 7：INK O：C $\begin{array}{ll}\text { LS ：LET } \\ 1120 & \text { FOR }+=0 \\ \text { FO } \\ 11255\end{array}$
1130 IF $F=80$ THEN GO TO 1170
1140 IF $f=80$ AND $d\langle>1$ THEN PRIN T ：PRINT ：BRIGHT 1 ：LET $d=1$ ： 1150 PAPER INT $(+/ 8)=(10$ AND $d=1$ ）：INK $(f-($ INT $(f / 8) * 8)):$ PRINT ＋i＂＂（ TO 4－LEN STR + ） 3
1160 NEXT $f$
$11>0$ FOR $f=1$ TO $+r$
1180 PRINT＂Which colour for fra
me＂；+ ；＂？＂：INPUT col：IF col＜o
OR cOl＞＞9 THEN GO TO 1170
1190 POKE $h+22+(+* 3)$ ，col
1200 NEXT $f$
1210 INPUT＂Delay（ $255=1$ ongest）？
＂id：POKE $h+22$ ，d
1220 CLS ：REM PRINT＂Designing
completed＂
1230 BORDER 1：PAPER 1：INK 7：C

## LS

1240 RETURN
1250 CLS ：INPUT＂Character（3 etters min．）？＂；LINE t＊：LET t＊－ tif TO 3）：GO SUB 1260：PRINT＂T ext at＂in：PAUSE O：GO TO 1250 1260 PRINT AT O，OI＂Searching．．．
1261 FOR $F=58467$ TO 60303
1262 LET A＝PEEK F
1263 IF $A=C O D E$（T末（1））THEN GO TO 1290
1270 GO TO 1320
1280 LET $h=f$ ：RETURN
1290 FOR $9=1$ TO LEN $t=-1$
1291 LET $\mathrm{B}=\mathrm{B}+\mathrm{F}$
1292 IF PEEK B（）CODE $(T \leqslant(1+G)) T$ HEN GO TO 1320
1293 NEXT 9
1294 GO TO 1280
1320 NEXT +
1321 INPUT＂Couldn＇t find name．
New name？＝；t⿻：GO TO 1260

## 1330 STOP

1340 OVER O：INPUT＂Character（3 letters min．）？＊；LINE t＊：LET
1360 GO SUB 1260
1361 LET U $\mathrm{H}=\mathrm{T}$ क
1370 IF $t$ \＄$=$＂end＂THEN STOP
1380 PRINT AT O，OI OVER OI＂FOUND AT＂；h：INPUT＂What to be repla ced with i letters min．）？＊ins 1390 IF LEN ns＝LEN us THEN GO T O 1460
1400 IF LEN n＊ 3 LEN U＊THEN GO T 14001440
$0 \quad 140$
1410 INPUT＂That is too long．Sh
all I truncate it？＊irs：LE
T $r \$=r \$(1)$ ：IF $r \$=* N^{*}$ THEN CLS
－GO TO 1380
1420 LET n末＝nक（ TO LEN u\＄）
1430 GO TO 1460
1440 INPUT＂That
1440 INPUT＂That is too short．S hall I add spaces？＊irs：LET row r\＄（1）：IF rs＝＊N＊THEN CLS ：GO TO 1380

## 1450 LET $x \$=*$

＂：LET n＊mis＋zti TO（LEN u＊－LE

## N n＊）

1460 FOR F $=1$ TO LEN N＊：POKE +4 H -1 ，CODE n＊（F）：NEXT F
1470 CLS ：LET T＊＝Ns：RETURN
1480 STOP
1490 GO SUB 250：FOR $x=0$ TO B：$P$
LOT $x$ ，O：DRAW 0，B：NEXT $x$
1500 INVERSE 1：FOR $x=1$ TO $7: \mathrm{PL}$
OT $x, 1$ ：DRAW 0,6 ：NEXT $x$ ：INVERS E O
1520 OVER O：LET $h=16384$
1530 INPUT＂Address（NOTE：animat
lons start at 60273）？＊ig：LET a

## ddr＝9

1540 PRINT AT $5,101^{* P P R E S S}$＇$Z$＇TO EXIT：FOR fwaddr TO 65535 STEP 8
1550 LET $h=16384:$ GO SUB 1560：G O TO 1600
1560 FOR $9=0$ TO 7
1570 POKE $h+9 * 256$ ，PEEK $(4+9)$
1580 NEXT 9
1590 RETURN
1600 LET $h=h+1$ ：LET $f=f+8$
1610 GO SUB 1560
1620 LET $h=h+31$ ：LET $f=4+8$ ：GO $S$
1.630 LET $h=h+1$ ：LET $+=f+8$ ：GO SU

## B 1560

1640 PRINT AT 0,$10 ;+-24 ; \quad=;++7$ 1641 LET Is＝INKEYs：IF I $\$$＊＊＂THE N GO TO 1641
1642 IF $1 \$=* Z$＂THEN RUN
1650 NEXT＋
1660 STOP
1670 STOF





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EXPIRY DATE

Hello and welcome to the biggest and bestest tips bit in the whole wide Speccyverse! This month I've been completely inundated by lots of big bits of paper with maps scrawled across them, so I've decided to clear the decks and bung them all together in a sort of oneoff super spesh! Not a bad idea, eh? And guess what? I've just had another one! Do you ever play games, er, differently? Say you've played some-thing all the way through - how can you make the gameplay completely different from
before, so you can start it all again, but this time just dodge aliens instead of
 killing them (or something)? (She's fliped! Ed) Take James - he sticks his left hand over his right eye (it might not sound too impressive but seeing as he's left-handed it does make things that bit more difficult!). Anyway, put your lateral thinking caps on, get wacky, and drop me a line...

The spooky chick's back, so get ready to rock! Yep, it's that LINDA BARKER, carrying enough tips to fill anyone's stockings. (So there!)

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PRACTICAL POKES .... 37 featuring Ad Astra, Empire, Escape From The Planet of The Robot Monsters \& Slightly Magic

## MERCENARY

A timely bit of help for this recent mega Megagame ( $99 \%$, no less!) from a chap called A Taylor. (Of course, he could be a chappess, but l'm willing to place my bets!)
Blimey! I've just discovered this really weird fact. If you find the cheese (which is in one of the underground complexes) and take it outside you can board it and fly around in it. (Seriouslyl) Not only is it a spaceship, it's also a very fast one - you don't need the power-up to reach the sky city. Amazing but true.
Also, if you're ever in trouble (for shooting someone's house) and someone's threatening to shoot you then crash your ship and walk a away from it. The enemy will fire his bullet at you, rather than the ship, thus saving the ship (and a long walk).
There's nothing wrong with long walks. In fact they're very good for you. You know what they say - a long walk a day keeps the doctor away. And there's more! This time from Stephen Ollett, who's about to show us lots of little things that might come in handy. Sit back, we have take-off...


Dominion Dart You can find this at the airport, location 08-08, max speed $4950 \mathrm{~m} / \mathrm{s}$. This will get you to the colony craft if you carry the power amp.

Shuttle Type Plane At location ${ }^{* *}$." (red location readout in game) beyond the city. It's stored in a hanger at this location. Max speed $7400 \mathrm{~m} / \mathrm{s}$. No power amp necessary.

Saucer Type Vehicle Find at hanger 03-00 (mechanoid complex). The saucer is the type used as a pursuit ship. Quite slow ( $1650 \mathrm{~m} / \mathrm{s}$ ) and doesn't handle very well.


Cheese Max speed $9900 \mathrm{~m} / \mathrm{s}$, no power amp needed. Find at location 11-13 in the underground complex.


## Interstellar Ship

 Can take you home. Hire it when you have enough cash and find at location 08-08. When it's launched. the game is over.
## Small Car

Parked at the airport, location 12-13. It's not very fast ( $820 \mathrm{~m} / \mathrm{s}$ forward, $123 \mathrm{~m} / \mathrm{s}$ reverse) but it's better than walking.

Larger Car Parked in underground hangar at 09-05. It's max speed forwards is $3837 \mathrm{~m} / \mathrm{s}$ and $126 \mathrm{~m} / \mathrm{s}$ backwards.

That should help you get past those pesky Palyars. Get to it, oh brave young things!



## Got a gamesnag? See a specialist!

Right, where were we?
SEABASE DELTA
What? Someone else called Swann? No, this one's apparently called
'Swan' - Matthew Swan, in fact and he's got the answers to Terry Errington's mournful pleas from ish 66 (try saying that after a few Tizers). How do you wake the hen? "Simple. Get the bubble gum, CHEW GUM and then BLOW BUBBLE. Don't dispose of it afterwards, as it has a use in the lift." And the see-saw what do you do with that? "Try LEVER CANNON." They're clever blighters, these Swan(n)s - but Richard's still got a few more badges than you, Matt...

other four crowns, he won't even let you in the room. If you do have them all, he'll merely chase you relentlessly, so send in Heels first to freeze the guard. Then bring Heels in and send Head out. Line up Heels with the hole marked ' $\operatorname{IN}$ ', run in, and inside you'll find the crown. Now turn left and come out through the 'OUT hole, and git the hell out of therel It's very hard indeed, so make sure you've got loads of lives in hand before you attempt it.

## TEENAGE

 MUTANT HERO TURTLES Loads of letters for this too, so Peter Barnes should finally be able to jump the last space between buildings on Level Three. "To get past the big gap," says Clinic regular Steven Clappison, " you need a rope. There's one in the large green building with two doors, just past the first barricade." Approximately $81 / 2$ milifon readers confirm this finding (including A Jones, James Henson and Mark Noble; but one reader has different ideas. Who? Why, Richard Swann of course. 'Well, actually it's much the same as any other platform game, which is a matter of taking a very long run-up and jumping at the last possible moment without falling over the edge. Your best bet is to be Rataele 'cos he can jump pretty damnhigh. Practice the jumping on something like Manic Miner (that's what I did).
Dr Berkmann's Clinic two solutions for the price of one!

## VINDICATOR

Speaking of which, Dicky's added another one to his collection with an answer for Ben Croucher, who, if you remember, wanted to get onto Level Two of this corky old spanker. Well, Ben, there's always the radical method of getting to the end of Level One, but as a doctor, I understand that time is limited, and so, happily, does Dicky Swann. ${ }^{\text {You }}$ bet. Dr B. After ail, last month I was supposed to be revising, but instead made an electric guitar. (Eh? Dr B) As for Vindicator, select the 'Load Part Two option, and type VALSAVA MANOEUVRE'. Oh, and the code for Level Three is 'EUSTACHIAN TUBES'. I should know - it came up in my GCSE Biology exam last year.' Eh?

## HEAD OVER HEELS

Meanwhile, Andrew 'Rastus' Cairns has taken me back a few years with his letter about "our mutual favourite game", the final screen of which, the notorious Emperor's Throne-room, continues to fox him. I think I know why, Andrew - it's \$E\&@ing difficult! Stili, here's my old solution from the YS snagfiles..

Your main adversary is the Emperor's Guardian, a bubbly thingy that can't be killed, so don't bother trying. In fact, unless you have the

HAYLP!
Simon Clark: ITm having trouble with three Dizzy games. In Dizzy please could you tell me how to get in and out of the Crazy Labyrinth without getting killed? in Treasure island Dizzy what is the toothpaste used for? And in Fantasy World Dizzy how do you get the coin in the warehouse? Graham Fraser: "In Slightly Magic I can get into the water as the fish and get the explosive spell, but I'm damned if I can get back out. Any ideas?"
Michael Williams: "Where do you get the bucket on Level Three of Top Car?"
Robert Chailis: In Level Three of Rick Dangerous, how do you get past the suit of armour that fires at you, after you've gone past the bulldogs? Jamie Llewellyn: "In Slightly Magic, how do I get the magnet without falling onto the spikes? Dominic Rackstraw: "In Jet Set Willy 2, how do you negotiate the Nightmare Room? And where's the Rocket Room?"

Know the answer? Or you've got a knotty snag of your own? Write to Dr B's Clinic, YS, 30 Monmouth Street Bath BA1 2BW. Anyone mentioned wins a badge!



As if last month's Slightly Magic Megamap wasn't enough, Michael

Robinson's come up trumps again! (Only this time I thought I'd leave his map intact
rather than give it to Sal to do on her computer, cos I'm really nice like that!)
$*$
level 1 - france


|  | KCEY |
| :--- | :---: |
| $P E=$ Penguin | $Y=Y$ eti |
| $M=$ Icy water | $S M=$ Snowball man |
| $G=$ Swiss girl | $\nabla=$ Icicles |

Frog -3 shots
Yeti -5 bombs
Copper -2 shots

Poodles - 1 shot
Snails -3 shots
Penguins -3 shots

Snowmen - 3 shots
Clouds -1 bomb Girls -4 shots
Hunchback - 5 bombs


## The FHanmelnlozelk

To kill the hunchback drop to the bottom of the belltower and bomb him as he comes down. Go left and jump on platform. When he climbs up to your level he will shoot. Drop down out of the way and bomb him again. Repeat 'til he dies.

## The Yeti

To kill the yeti enter the room when there aren't many icicles on the roof and shoot him a bit. When he's in the air run under him and go to the far right. He will jump across but he can't get you. Bomb him 'til he dies.


# QUICKDRAW McGRAW 

And those maps just keep on coming! Here's some stuff for that Hi-Tec fave, courtesy of Anthony Green...

| EREY | $=$ Start |
| ---: | :--- |
| * |  |


| \% | = Bullets | = Joini Jump over) |
| :---: | :---: | :---: |
|  | $=$ Dynamite (smart bomb) | $b=$ Ten gallon hat (points) |
| $\infty$ | $=$ Apple (restores energy) | 2. = Arrow (crouch for subgam |

LEVEET



hts :
aterial supplsers,
and the toye two
is and the conveyors Unit
Unit and the Qcoalsty

Syabsls:


Using the mable: code-Each no. stands fox frut symbol (see above)
19.2453 pollgo1st nooNo. of dolls cetter-The doll's colour ind no-poll no.(see above)
1.1111 5*1
10.2133
12.5313
15.3344
16.1141
17. 1353
18.3223

Code Dolls Features
$2.5112 \quad 5 \mathrm{~W} 2$ 3 30
3. $1543 \quad 5 R 4$
$4.4244 \quad 485$
$5.4425 \quad 486$
6.5334 2R8 289 $2 \times 10$
7. $5421 \quad 387$ 368
$8.4145 \quad 389$ 366
$9.4225 \quad 4811$ $2 Y 12$ 365 $3 R 8$
11. $1453 \quad 914$ $6 P 12$
$6 p 5$
$\begin{array}{ll}\cdot 13.3514 & 788 \\ & 8 P 4\end{array}$
14.4531 $\begin{array}{r}5 \mathrm{G} 6 \\ 3 \mathrm{G} .3\end{array}$ $5 Y 1$
5610
$\frac{462}{386}$

481
4810
$3 R 2$
4 P 6 3 B10 5G1

874

Manual Hest e Body Mould Devices

Code Dolls Featuro
20.5445385
$3 R 6$
362
21.2554 166 Stock checker $2 G 11$
$3 \mathrm{P}_{4}$ 412
$22.32515 R 5$ $4 \times 11$
$23.35523 R 6$
482 $4 \times 11$
24. 3422 2R1 Liquid Concent $3 R 12$ Supplier

## :Spring Hat Cownters

 267 36925.1442 4R8 4 P1 4812
$26: 35513 \times 9$ 368 4 R 1
5 P 7
27. $1521 \frac{5 y 8}{561}$ - Expender Suppi
28.3114561 588 5 P12
29.5354578

587 5G1 5P9
$30.55135 R 9$
5B12. 568
$5 P 1$
$5 Y 7$
...... and that's all fouks!
See left for key to this table The rempitugs:
Jodee



# PRAGTIGAL POKES 

Oooh la la! Funny how we always fancy a POKE when that JON NORTH'S about!

A new face in the column, another Bleepload crack (can't be many left now) and a long-awaited Slightly Magic hack amongst other things. Let it roll..

## Empire

This one appeared on a covertape a few months back, and the listing earns sender John Hooper the coveted Hack Of The Month tille. (Only next time you send stuff in, John, make sure it's in Basic and not Z80 codel)

10 REM Empire by John Hooper 15 CLEAR 27e3: LOAD "'CODE 20 FOR $1=27377$ TO 27454 30 READ a: POKE fa: NEXT f 40 RANDOMIZE USR 27377 50 DATA 33,84,218,54,205 60 DATA 35,54,0,35,54 70 DATA 107, 195, 0,218,0 80 DATA $50,21,110,35,126$ 90 DATA 43,254, 27,200,33 100 DATA $84,218,54,50,35$ 110 DATA 54, 21,35,54, 110 120 DATA 33,50,108,54,201 130 DATA 20,205,0,108,33 140 DATA $50,108,54,33,33$ 150 DATA 112, 108,54,201,205 160 DATA $50,108,175,33,220$ 170 DATA 176,119,35,119,35 180 DATA 119,33,32,177,119 190 DATA 35, 119,35, 119,243 200 DATA 195, 113, 108

Hackers Anon
That's what Gerard Sweeney's calling his latest collaboration, this time with Jamie Murray. I always thought 'anonymous' reterred to spook letters with no signature at the bottom, but apparently not. This month they've done Escape From The Planet Of The Robot Monsters, Slightly Magic and one of last month's Covertape games, Ad Astra (as well as countless other routines). Cheers, guys!

10 REM EFTPOTRM by Hackers Anont5 REM Ignore screen corruption 20 LET A=6E4
30 READ B: IF B=999 THEN GOTO 50
40 POKE A.B: LET A=A+1: GOTO 30 50 RANDOMIZE USR 6E4 60 DATA $221,33,32,142,17,0,27$ 70 DATA $62,255,55,205,86,5$ 80 DATA
210,96,234,33,26,64,34,53,142 90 DATA
34,42,145,33,146,234, 17,58,142 100 DATA $1,15,0,237,176,33,32,142$ 110 DATA
17,0,64, ,0,27,237,176, 195,0,64 120 DATA 175,50,120,170: REM INFY CREDITS
130 DATA 175,50,107,179: REM INFY BOMBS (BOTH PLAYERS)
140 DATA 195,246,121,999: REM

END MARKER (DONT DELETEI)
10 REM Slightly Magic by Hackers Anon
20 CLEAR 24969: LET A=24500 30 READ B: IF B=999 THEN
RANDOMIZE USR 24500
40 POKE A,B: LET $A=A+1$ : GOTO 30 50 DATA 221,33,138,97,17,214,15
60 DATA $62,255,55,205,86,5$
70 DATA 210, 180,95,33,205,95
80 DATA 34,145,97, 195, 138,97 90 DATA
175,50,15,160,195,158,102,999
10 REM Ad Astra by Hackers Anon 20 CLEAR 24420: LOAD "-CODE
30 POKE 65149,251: POKE
65150,201
40 RANDOMIZE USR 65136 50 POKE 35645,0: POKE 35646,0: REM INFY LIVES (BOTH PLAYERS)
60 POKE 28727,0: POKE 28728.0 POKE 28729,0: REM 1 HIT KILLS SHIPS
70 RANDOMIZE USR 24428
Looks like Hackers Anon are out to take over the world, using this column as a starting line. So send your stuft to me, Jon North, at PP, YS, 30 Monmouth Street, Bath, Avon BA1 2BW and do your bit to save world domination. See you in the scrolly.

## FI6COMBAT PLIOT

## A faithful flight-sim if ever there

 was one. I even had a sick bag close at hand just in case! Still, these tips from Craig Thornton should make for an easier flight.When planning your flight route
select a waypoint directly
north/south of your airfield so you approach the runway on the correct heading. Always take one external fuel tank so you can fly with your afterburners on for some of the flight. Also take one lot of AMRAAMS on the outermost hardpoint in case of enemy interceptors.

The best target to go for in Operation Conquest are...

1. Military bases $\cdot 2$. Ccubed centres - 3 .
Tank Battalions $\mathbf{~ 4}$.
Factories - 5. Power
Stations.
Fly below 500 ft 'til your selected round targets are destroyed then if you feel a bit daring/mad pull up and fly around at about 18,000ft and wait for an enemy jet to appear. Select TWS mode on your MFD and consult your RWR to find out the approximate bearing of the MiG.

AMRAAMs are the best weapons to use, especially if it's cloudy. If the enemy MiG fires at you proceed as follows - pull back on the joystick until you've flipped right over and
can see the horizon. The enemy will be directly behind you. Roll left or right until the horizon is vertical then pull back on the joystick so you are in a high G-turn. You should release chaff and flares the whole time during this manoeuvre.
Destroying enemy interceptors reduces the enemy's strength considerably, so the more you get the better.

Once you've decided that you've blown enough enemy aircraft out of the sky get down below 500ft again. If you don't do this an enemy interceptor is likely to send a missile up your tailpipe just as you're landing.

Try to perfect your manual landings, because you can stay below 500 ft for these, but if you use autoland you may climb above 500ft resulting in you being tracked by an enemy EWR installation.

When flying below 500tt check your altitude every few seconds because one accidental nudge on the joystick could be fatal.
If your navigational aids fail then finding an allied base can be a bit of a problem. So here are the coordinates of all allied bases for the different squadrons you join during Operation Conquest...

## WILDCATTERS

$0405 \cdot 0812 \cdot 1909 \cdot 2606 \cdot 36$
$02 \cdot 4511 \cdot 5312 \cdot 6001$

## DAWNRAIDERS

$0402 \cdot 1902 \cdot 52$

## $05 \cdot 4304 \cdot 1311$. <br> $2610 \cdot 3312 \cdot 56$

## 12

## GLADIATORS

## $0408 \cdot 1208 \cdot 20$

$02 \cdot 2911 \cdot 3712$.
$4401 \cdot 49$ 12 • 5904

## GHOSTRIDERS

## $0309 \cdot 1006 \cdot 2112 \cdot 2801 \cdot 36$

$12 \cdot 4501 \cdot 5206 \cdot 6008$

## SKYFIGHTERS

$0302 \cdot 1010 \cdot 2006 \cdot 2808 \cdot 35$
$09 \cdot 4206 \cdot 5212 \cdot 6101$

## SUNDOWNERS

$0512 \cdot 1201 \cdot 1712 \cdot 2704 \cdot 36$ $06 \cdot 4408 \cdot 5109 \cdot 58$ 06

Oooh, my
stomach! Must rush...

## sconis DOAID SCRAPPY DOO

## Tiny tip time

 courtesy of one
## Paul Hancock...

Hold down HELP
 on the title screen -
the border will go white and you'll have infinite lives.

Good-o! Now I can get caught as often as I like and still rescue Scoob. (The old codger!)
We all need a
litte help now and
then and litile green ducks need
even more. Tamsyn Pams
says...
Type in WiLSoN as soon as you
Stan Level 3 for a helping hand.
That Edd, eh? What a dudet

## NOTIPLAYER SOCEN MALEER

Colin Spiers's sent in this smidgen for D\&H's latest pitch outing..
Choose four teams at the beginning. If one of the other three teams has a good player then go onto that team. Check that they have at least 14 players. If they have then go onto 'sell player' and sell the player that you want, you'll then be shown all the bids for that - player. If you're clever you'll bid nothing for him. Then . using the up and down icon thingies you can choose who to sell to. Obviously you can sell him to your primary team.
Also if you have a crap player and the other teams have plenty of money then bid the lot for him. The manager will be sacked and given a new team. He's also given another $£ 325,000$ so you can do the same again.
Okay, so it's cheating, but it's better to cheat in a computer game than in something really important like, erm, Monopoly.

# TOP FRUIT MACHINE 

 win money on the flashing squares bit and you've lost the lot?
Well, no.
(Actually.)
Well fret no
more. Just press
0 (zero) key when the
light is flashing between the two squares and you'll automatically collect half of the money that's up for grabs.

Brillanti

Here, before your very eyes are maps of the first five levels of Hero Quest (and what a good game it is too). Keith Darlington's the


## 2-The Rescue Of Sir

## Pazegmar

## KEEY


= Secret door
$\mathrm{G}=\mathrm{Goblin}$ (2 dice attack, 1 dice defend)
$\mathrm{O}=\operatorname{Orc}$ (3 dice attack, 2 dice defend)
$\mathrm{A}=$ Chest. Contains a potion of healing and 50 pieces of gold.
$B=$ Chest: trap.
SR = Sir Ragnnar (0 dice attack, 2 dice defend). He can only defend not attack. When he is found an alarm rings and all the monsters become active.
Wandering monster $=$ Orc.


## 3 - Lailu Of Tine Ore Mazrlorcls

## KEEV

$\mathrm{O}=\mathrm{Orc}$ (3 dice attack, 2 dice defend)
$\mathrm{G}=\mathrm{Goblin}$ (2 dice attack, 1 dice defend)
F = Fimir (3 dice attack, 3 dice defend)
$\mathrm{C}=$ Chaos warrior (3 dice attack, 4 dice defend)
A = Armoury. Search for treasure and you will find a spear.
$B=$ Chest. A trap, deactivate it and you will find 100 pieces of gold inside.
$D=$ Cupboard. Search for treasure and you will find 30 pieces of gold and a healing potion.
ULAG = The one you have to kill. His statistics are 4 dice attack, 5 defend dice, 10 movement, 3 mind points, 1 body point.


Wandering monster $=\mathrm{Orc}$

$5-M \in \boldsymbol{M a r}^{y}$ (Maze
HEEY

$\mathrm{G}=$ Gargoyle (4 dice attack 4 dice defend) $\mathrm{S}=$ Skeleton (2 dice attack, 2 dioe defend) $\mathrm{Z}=$ Zombie (2 dice attack, 2 dice defend) $\mathrm{M}=$ Mummy (3 dice athack, 4 dice defend) $\mathrm{A}=$ Melar key. Search for treasure and you will find the key. It will make the throne move and reveal a door.
$\mathrm{B}=$ This door is a trap. If you open it the Gargoyle will come to life. $\mathrm{C}=$ Talisman of Lore. Search for treasure to find it.

- = Secret door

Wandering monster $=$ Zombie

# RKEY 


$\mathrm{O}=$ Orc (3 dice attack, 2 dice defend)
$\mathrm{G}=\mathrm{Goblin}$ (2 dice attack, 3 dice defend)
$F=$ Fimir ( 3 dice attack, 2 dice defend)
$\mathrm{C}=$ Chaos warrior (3 dice attack, 3 dice defend)
$\mathrm{A}=\ln$ this room there are three furniture chests. They contain 250 pieces of gold each and can only be carried one at a time. If a player decides to keep the gold for himself then he will never become the Champion.
Wandering monster = Fimir


## RCK DANGEROUS 2

The nicest things come in small packages: bubblegum, $7^{\prime \prime}$ singles, everlasting life...
For endless lives, enter your name as JE VEUX VIVRE. (Plus the full stop.)
Thanks to Scott Lambert for that one.
COO BLIMEY
Oh no! It's the end already! (And just as I was getting into it as well.) Guess I'll just have to think of something else to keep me amused, eh? Perhaps l'll go and look at James' knee - he had it cut open the other day! Or shall I make some jelly? The thing I like about life is that it's full of possibility.

I'd like more maps for next month, please. And I want to know about all those weirdo ways you play games (like never firing, or stupid things like that). The address is the same and my name's Linda B. Bye!

Blimey! A questionnaire! What's this all about then? Well, the main Idea is that you fell us what you
I think, we have a think about what I you think, and then we throw all
| the forms in the bin (and
completely change the mag).
Hurrah! Here's the first question...
| 1. Which of these
I machines do you own?
I Speccy 48K $\square 128 \mathrm{~K}$
$\square$ SAM Coupé
I Amstrad CPC
$\square$ Atari ST
$\square$ Atari ST $\square$ Amiga
I Nintendo
I
| 2. Is YS good value for money?

- Excellent value

I Good value
$\square$ Reasonable value
I Poor value
I Rip-off
3. How much do you like the
cover of this issue?
...../10
4. What do you think of the issue overall?.

## 5. How does it

compare with previous ones?
$\square$ Much better
$\square$ Slightly better
$\square$ The same standard
$\square$ Slightly worse
$\square$ Even worse than that
6. Give the mag a rating out of ten, plus any other computer mags you read regularly..
YOUR SINCLAIR. $\qquad$
.10
7. And lastly, what do you reckon's the best thing about this ish, and what's the worst? Mmm. Well, I really went a bundle on

But I didn't fancy

If certainly is! And you don't even need a stamp to post it! Just send it off to Reader Survey, YS, Fulure Publishing LId, Freepost, Bath, Avon BA1 IXY. (And ta very much for your co-operation!)

## YSSAM COMPUTERS COMPO

## Win <br> 

SAM Computers must be pretty chuffed with themselves - Prince Of Persia is looking dashed superb and no word of a liel It's got five mega-huge levels packed with traps, tricks, tracks and, er, trucks (actually that is a lie), and a mery little chappy with a sword called the Prince (ie. you) who's the most brilliantly animated sprite you've ever seen! He's just like a real-life blokie (well, some weird person running around a castle in a nightshirt anyway). Add to this a host of swordifighting Arabs (with just as good graphics), some fiendish puzzles and 512 K worth of explorable castle and you can't really go far wrongl (Unless you go down a dodgy corridor.)


Stop molesting that young lady immediately, matey!


## Roll Out The Barrel

## Arabian fights

The normally serene and peaceful Shed was rocked to its very wooden slats by arguments about who'd get to review PoP. Only when violence occurred was it all resolved. Andy refused to hit anyone, so was knocked out easily, and Linda B wasn't strong enough to do any damage to James, making him the obvious winner. Which just left SAM Computers (who were rather pleased with their efforts) to ring us up and offer to do a compo. And just as we were about to say "Robinson Crusoel" (for no particular reason) they did. So what's up for grabs?

## Piles of loot, that's what!

Well, not loot exactly - but certainly the next best thingl Cos we've got $£ 200$ worth of exclusive SAM coupons to give away - the perfect prize for just about anybodyl if you've got a SAM you can get yourself every add-on you could ever think of (the Messenger, a mouse, another disk drive, whatever you wantI). And if you haven't got a SAM, then here's the chance you've been waiting for to pick
「YO, YSI I know who's who and what's what, so I think.
A links with
$B$ links with
$C$ links with
D links with

My name is
And I live at


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- Speccy in Saga Emperor Pro keyboard (63 keys), I/F one, microdrive, datacorder, all leads, manuals, reset adaptor and lots of games and serious software. E80 for the lot or will split. Phone 037770556.
- Spectrum 48 K , joystick, twin port interface, cassette recorder, leads, books, power pack. over 200 games including Pools And Horseracing Predictor, Football Manager and Director etc. £85 ono. Tel 0702431428. Spectrum $+2,2$ joysticks (Cheetah and Konix Speediking), lightgun, over 30 games, eject button slightly damaged hence $£ 150$ for the lot. Will not spil. Phone 0242516180. - Sinclair 128 K Spectrum $+2, £ 500+$ of software, $£ 60+$ of mags, $£ 40+$ of hardware. Total worth $£ 750+$. Sell $£ 350$ ono. Only 1 year old, mint condition. Tel Cramlington 734525 . $\pm$ For sale - Spectrum $128 \mathrm{~K}+2 \mathrm{~A}$. Kempston interface, lightgun, only $£ 80$ ono. Phone 0953 718350 ( nr Norwich)
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in good condition, will sell for $£ 160$ or swop fo Nintendo Gameboy or Sega Megadrive, either one (must have 1 game or more if possible) Phone Jonathan on 0395270159.
+ 2 interface for $48 \mathrm{~K}, 128 \mathrm{~K}$ and +2
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For sale: Spectrum +2 A with loads of games like Batman and Golden Axe. Also joystick, light gun, games and full mouse system package (hardly used) and mags. £150 ono. Phone David on 054771232 - Speccy 128 K with 60 games (including Operation Wolf, Robocop 1 and 2 and Bomb Jack) and all the equipment needed. Call 08 5753819 and ask for Phil.


I I will swop my Operation Thunderbolt and Operation Woif for your Kick Off 1 and 2. Also swop my Golden Axe for your Chase HQ 2, Total Recall, Robocop 2 or Rainbow isiands Originals only. 1 for
on 0302701246.

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877623 .
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It's all here! Whatever you want - whether it's a modem, a Speccy or a thousand sheets of printing paper. We've got the blimmin' lot!

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offerl!
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Wanted - Nintendo Game Boy, Must be in good working order. Contact 0815491924. - Wanted - Viz, Adidas Footbalt, tronman Racer, Gazza II, TMTH and any wrestling Chase HO2 R-Type Batman The Movie W swop one for one around the Barry area. swop one Barry 737031 .
Phone
Wantedl Snoopy for Spectrum 128K.
Prepared to swop Forgotten Worids or Ghostbusters III. Will also buy. Contact 0304 611597.

Wantedl New Zealand Story on disk for +3 Will swop for Dark Side on +3 disk or Driller +2 tape. Originals only please. Phone 0279 42 tape. Originals only please. Phone 42960 after 4.30 pm and ask for Mathew. Wanted! Turrican and Midnight Resistance. Will swop Ninja Spirit, Ghouls'n' Ghosts and Rainhow Islands. Phone Hemel Hempstead 217187.
217187. Wantedl Roy Of The Rovers, Inspector

Gadget, Basil The Great Mouse Detective. Death Wish III, Max Headroom, Venom Strikes Back and Captain America. Contact 0332512172 after 5 pm.
Wanted - a game called Ghost's Revenge This game is similar to Pac-Man. Contact Bradtord 862293.

- Wanted - Spectrum ROM book by Melbourne House. Also Machine Code Routines book by same publisher. Will pay $£ 5$ each or a full price game if you have both. Contact Tim on 0742366781 Wanted - Sim City or Pang. Will swop for Star Runner, Branche, Grand Prix Sim, Rockfords Riot and Boulder Dash. 4 for 1. Phone 050355760.
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Urgently needed Spectrum 128K for under C55. Please help. Phone Oliver on 0782 791309.

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Wanted - disk drive and interface for Spectrum $128+2$ A. Will swop Quickjoy Topstar joystick plus any 20 games chosen from my list (eg Robocop, APB, Chase HQ Toyota Celica GT Rally). Phone Mark on 0733241930.

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EI I need an Organ Master for use with a Sinclair 128 K . I also want an Echo keyboard (with record and playback facilities) and an Organ Master tape. Also, a printer with 128 intertace. Realistic offers only. Phone Len on 0255473097.
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E Wanted urgentlyl Write Your Own Fantasy Games by Usborne. I will buy or borrow, will pay or swop. Phone Simon on 0983528374 - I desperately want Lords Of Chaos. W swop for Double Dragon 2, Littie Puff, Tracksuit Manager, Renegade, International Match Day or any combination of these ames. Ring Matt on 0616824794. Wanted - SAM Coupé. Will swop for a Spectrum 48 K , light pen. Prism VTX 5000 , E100 worth of full price games, all YS games and lots of mags and books. Call Rodney after 5pm on Newton-Le-Willows 225789.

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- Happy Birthday to Julie on 2nd July from Mike and Nick.
- Meekie's message for this month - it your bath plug gets clogged up with hair and fluff, use scissors to untangle the knottage and pull it out using your fingers! Remember - don't forget
- Hello to all SAM Coupe owners in Ireland II want to hear from you with a view to starting a SAM Coupé appreciation and software club. Phone Pat on Dublin 424315.
Well done to Mark and Paull Lots of love from your own fat chickent

- 1 am making a tapezine and want reporters for games. I also want your letters and POKEs. Remember it you are doing a review please mark the games out of 100 for graphics, originality and overall. Phone Chris on 0294222008.
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67 JULY ONO Y567 Gel dom on the coveriope to Brainsport, Ad Astra, Hijock, Double Agent ond much, much morel Pusi Tokis Atien Storm Megopreviens! 68 AUG ONo YS68 On the tope - Tempest, Southern Belle, Super Gup Football and much, much morel PUUSI Thegapreviews of Final Fight and Darkmon! AHDI 30 Construction Kir gets a Megogome!

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## foo just



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[^3]

then Domark's 3D Construction Kit would be right up your street. On the other hand, you may decide an adventure is more your type of game. Then you'd find that The Quill or PAW from Gilsoft is better suited to your needs.

A shoot-em-up kit was made by Melboume House many moons ago. But they went bust, and I don't think you'd have a lot of luck tracking a copy down. Give Input Output a try, and see if anyone is willing to part with their copy. Ad.

## PAPER CHASE

For the benefit of any readers unable to obtain printing paper for the Alphacom Printer. This can be obtained from Tandy Shops, cat no. 26-1332, priced $£ 3.99$ for a pack of two rolls.

This paper is non-fading, unlike 'official' Alphacom paper.

## L Simpson

Mansfield
Thanks, for the tip. As you know, all tips get a small reward from the Spec Tec. I know how to keep my contacts sweet. Ad.

## SELF ASSEMBLY

I would like some advice. (You've come to the right place then. Ad) What function does a Z80 assembler perform? And, more to the point, would I need to know any special kind of programming language, or would a general knowledge of BASIC do? Is it easier to write programs using a $Z 80$ assembler? Are there any books I could buy from which I could learn to write programs for the Speccy?
Last of all, if you write a program and SAVE it, is it possible to write another program and then merge the two together, without any problems, so the programs work as one?
Bobby Murphy

## Stockport

Assemblers, huh? Nothing but trouble if you're asking me, Bob. To answer your questions though - an assembler is a program that allows you to develop machine code programs. A general knowledge of BASIC most certainly would not do - you'd need to learn machine code. No, it wouldn't make it easier to write programs, machine code is about a zillion times more difficult to learn than BASIC. Not surprisingly, there are books that attempt to make the road to learning machine code an easier one to follow, though you may find that many of these are out of print nowadays.

However, if you're not put off, there are plenty of advantages to learning machine code. For a start, programs run far more quickly, often by factors of a thousand fold. It's only possible to write commercial quality games in machine code.

I can offer more positive news about your second query. Two BASIC programs can easily be merged together with the spookilynamed MERGE command. Simply load in the first program in the normal way. Then type MERGE "filename". The programs will combine into one listing.

One warning, though. If the line numbers are the same, then the first clashing lines in the first program will be overwritten by the second program. It's a good idea to give programs that you may want to merge into others high line numbers to avoid this possibility. Ad.

# SAM NEWS 

SAM MOUSE

Take a look round the back of the SAM Coupé, and you'll come across a round DIN socket, labelled 'mouse'. But we've yet to see anything to plug into the thing until now.

SAM Computers have just announced a mouse package, which comprises of a mouse, an interface, and software. The interface fits between the computer a standard ST compatible mouse. The one supplied with the interface is the popular Contriver mouse, but may be replaced with another make should you have a particular fave.
Software-wise there's a mouse driver

## BREAKING OUT

I write adventure games and would like to ask you 2 questions.

1. What do you do to stop people being able to break into your programs by pressing the BREAK key?
2. Did you write Ninja Massacre?

James Taylor
Chesterfield
What does any of this have to do with adventure games? Anyway, to answer your questions:

1. One way is to alter the error stack, so that when a break is detected the computer jumps to the incorrect address, causing the whole thing to crash. But any error. not just a BREAK error will cause such a crash. Make sure that your program is completely bug-free before you protect it.
This isn't the friendliest way to disable the BREAK key, but it's the one I remember. At the start of the program insert the line:

## 5 POKE 23613,0

2. Okay, okay. You've sussed me out. It was a long time ago, and I needed the cash. Anyway, CodeMasters have since released the game on the value packed Quattro Combat tape, a barg at only £2.99 and available now! (I'm still getting paid off for it now, see.) Ad.

## KEY QUESTION

Is it true that at one time new keyboards were available for the Spectrum 48K? I believe they were white and resembled the Amstrad keyboard. The reason I am asking is that some of the keys on the top left hand side of the keyboard are only working now and again, which clearly hampers programming and the playing of adventure games. I think that it is the metal casing peeling away from the keys that is the trouble. Please, please could you tell me where I could get one from.

## Paul Ely

## Oldham, Lancs

A number of replacement keyboards have been available for the Speccy in the past, but you may find them difficult to get hold of nowadays.

It is possible to replace the worn parts, though. What's most likely to have gone is the keyboard membrane - 2 sheets of contacts separated by a layer of plastic with holes where the keys meets. After years of use, these tend to lose
which can be included in your own programs. A simple sliding puzzle game is also included, and a mouse-compatible version of the classic SAM package Flash allows you to vent you're artistic bent.
SAM Computers say that they'll be producing mouse-compatible software in the future, starting with their series of midi programs coming soon. Watch this space.

The mouse and interface package costs
$£ 39.95$ and is available
from SAM Computers,
Lakeside, Phoenix
Way, Swansea
Enterprise
Park,
Swansea
SA7 9EH.
Tel 0792
700300.

conductivity. Look through the small ads in the back of YS for a suitable replacement. They don't cost too much, and can be fairly easily fitted yourself. Ad.

## PRINT OUT

Through your magazine I bought a printer for my Speccy +2 . The printer was plugged in and then the screen was attacked by loads of little squares. When the BREAK button was pressed nothing happened except a gush of smoke came out the back and I quickly turned it off. I tried the printer on my friend's +2 and now the power doesn't work at all. My parents and my friend's parents are not amused. Could it be coincidental that our computers have taken a holiday or have we been sold a computer destroying printer?

Please help. Will I need to repair my computer or chuck the printer in the bin? What could possibly have gone wrong? N Weaver
Mansfield, Notts
Whatever you do, don't attempt to 'test' the printer on anybody else's computer - it looks very much like the printer has a very serious fault.

Get in contact the company who supplied the printer. It isn't fit for the purpose it's sold for, and under the sale of goods act you're entitled to a refund for the faulty product and compensation for the repair of the equipment it damaged. For further advice, you should get in contact your local Trading Standards Department - you'll find them listed under Nottinghamshire County Council in the phone book. Ad.

## YOUKNOW WHERE TO FND ME

Honestly officer, I can explain everything Oh, what's the use? Chief Eagleburger's had me banged up in the clink. How was I supposed to know that it was his house.
I'll never afford the bail. Tell you what, get some letters into me - that's the only way I can get enough bucks together to buy my way out of this joint. Tec, YS, 30 Monming, Spec Tec, YS, 30 Monmouth Street, Bath BA1 2BW.
My secretary will pass the mail on to the county jail. (And hurry, I'm already getting sick of bread and getting
water.)

## (1)    aroracasabsita

Pass the Kleenex - the end is nigh. MIKE GERRARD is making his excuses and about to (boo-H0OOO!!!) leave...

rom deep in the county of Shropshire, otherwise known as Salop for reasons lost in the mists of time, comes a new
adventure/fantasy/SF/RPG maggy-zine, called The Adventurer's Herald. I know nothing about it other than what I've gleaned in a news snippet in the ever-reliable ZAT Spectrum mag... which also comes from Shropshire! Spook! To find out what the Herald's all about, bung your SAE to the editor, Rik Jones, a Dungeon Master
extraordinaire who lives in a PO Box (no. 522) in Tweedale, Telford, Shropshire
Now this is what I call news (volume 17). Gordon Inglis has extended himself, so to speak. Having established his Spectrum adventure PD library, and his trade in second-hand

adventures, he's now going into the mail order market trading in new adventures too. Well, old but new. New but not second-hand, but not brandnew. Anyway, let me just tell you the first two he's got, then you'll know what I mean.
They're two Level 9 titles, and they really are rather juicy. Ingrid's Back retails at $£ 5.99$ and Gnome Ranger stands at a mere $£ 4.99$, including postage. Crumbs, as the baker said to the actress. (No, I don't know what it means either.)
Gordon's also just acquired the rights to Energem Enigma and The Extricator, a couple of other golden oldies, and by the time you read this he'll probably have worked out what the price of them is. To find out, send your SAE's or cheques for the Ingrid games to GI Games, 11 West Mayfield, Edinburgh EH9 1TF Gordon points out that this
new company is a division of his main company, Sandven Ltd, which has been going since 1976, so
operator. He's also looking for other titles to publish, either oldies that have already been out (but the authors would like to see them republished) or brand-new, unpublished titles. Before sending your games off to a publisher or a reviewer you must get them heavily play-tested. It's amazing the mistakes you can miss in your own games because you're so familiar with them. I speak from experience. Someone who offers a play-testing service is


Gareth
Pitchford of 45
Underwood Drive, Whitby, Ellesmere Port, South Wirral L65 9BH. He's done it for several excellent games that have been published recently, and offers to do it for you too (the little devil). All he needs is an SAE, solution, instructions and map. Oh, and a copy of the game.

Did any of you lot out there buy FSF Adventures' game

\section*{YOURS FOR THE COST OF A STAMP <br> In the early days when YS was young and carefree, l introduced the idea of I the 'freebie' - a help sheet or solution which you could get provided you sent in an SAE. I used to list what was available cos there were only a few, but bit by bit things got bigger, and I ran out of room. Now, of course, loads of people offer solution sheets, but they cant call 'em freebies cos they usually charge for them. So I thought I'd get up to date a bit, and print out a nice long list of what I've got - and all for the cost of an SAE. The second half will continue next month when I won't actually be here, but my YS address will, so keep sending your requests into that and Illl carry on sending the solutions out even though I ve stopped writing for the mag (And for those of you who don't read introductions and don't understand what I'm talking about then perhaps you'd better hop over to that litile section on the other side of the page called That's All, Foiks! It should fill you in!) <br> 1942 Mission

Adventure 100
Aftershook
Agathas Folly
Amily s Vile
Arow Of Death Part I
The Balrog And The Cat
Behind Closed Doors lill
The Big Sieaze
Blade The Warrior
Birzard Pass
Book Of The Dead
Bored Or The Rings
Brian The Bold
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Burbo And The Lizard King
Castle Blackstar
Castle Colditz
Casile Eerie
Casile Thade Revisited
The Changeing
Circus
Claws Or Despair
Cloud se
Colditz
Colassal Cave Adventure
The Colour Or Magic
Commando
Corruption
Crown Or Ramhotep <br> Crystai Cavern
Crystals Of Chantie
Crystal Quest
Cuddles
Curse Or The Seven Faces
Custerd's Quest
Demon From The Darkside
Devils sland
The Doomsday Papers
Double Agent
Dragon Slayer
Dr Goo
Dusk Over Eilinton
Earthshock
EI Dorado
The Energem Enigma
Enk The Viking
An Everyday Tale Of A Seeker Or
Gold
Eye or Bain
Father Or Darkness
The Final Mission
Forest At Word's End
The Forgotten Past
Fortress Of Keller
For Your Thighs Only
From Out Oi A Dark Night Sky
Funhouse
Future Tense

Galaxias <br> | Gauntlet Of Meldir | A vourney One Spring |
| :---: | :---: |
| Giant Adventure | Journey To The Centre Or Eddle |
| Cods Or War | Smith's Head |
| Golden Apple | Karyssia |
| The Goiden Rose | Kentila |
| Crange Hill | Knighrs Quest |
| Greedy Gulah | Labours Or Hercules |
| Green Door | Loads OF Midnight |
| Ground Zero | Lord Of The Rings |
| Guild Of Thieves | Lords OI Pridnight (tips only) |
| Hampstead | Matia Contract |
| A Harvesting Moon | Magic Castle |
| Heavy On The Magick | Magic Mountain |
| The Helm | To The Atanor Bourne |
| Heroes of Kam | Mansion Quest |
| The Hobble Hunter | Marie Celeste |
| Holiday To Remember | Matt Lucas |
| HRH | Merhownie's Light |
| The Hulk | Message From Andromeda |
| Imagination | Mindighter |
| Interno | Molesworth |
| The Inner Lakes | Mordon's Quest |
| Inspector Fukeit | The Moreby dewels |
| Invincible lsland | Monster |
| The Jade Stone | Moron |
| Jekyill And Hyde | Mountains Or Ket |
| Joster | Murder OHF Miami |
| Jhothmia | The Neverending Story |
| Jinxter |  |
| The Jolly Duplicator | Phew, eh?! (More next month) |

## HOW TO DROP YOUR NNCCKXRS

What's this? Has charming mildmannered Mike at last flipped his lid and gone into
adventure-porn? No, it's just a pathetic way of attracting your interest to a twopart article explaining how to Thanipulate objects and containers using Gilsoft's PAWS.

Adventure author Mark Cantrell has agreed to reveal some more of his secrets especially for YS, explaining the clever way he uses it to produce sorne of the effects in his games like Diablo, Jester Quest and Gods Of War all published by Zenobi Soltware. This month he shows how to put objects into containers (Im saying nothing), and .next month how to get them out again and then drop them (without smashing everything inside). Over to you, Mr Cantrell.

PAWS makes life easier in dealing with objects by the way il uses condacts (conditional actions) which automatically put objects into containers, or remove them. However, you still have to arrange the containers yourself and see if they are present or not.

Each container must have an emply room of the same reference number as its object text, to use as its inside'. So, in effect, when you're placing an object inside another object which you've specified as a container, What you're actually doing is placing it in an empty room somewhere in the adventure map - but a room that has no paths into it or exits out.

One suggestion is to arrange all your containers in the object table so that they number from one onwards. The actual rooms that the player can enter - the ordinary locations - can then be
numbered starting one higher than the last container number. All the previous rooms therefore form the insides of all your containers - bags, sacks, pockets or whatever you want. Object zero is, of course, the source of light, and room zero is your titte page.

An object is specilied as a container in the object attributes table (X) - the table where you also specify whether an object can be worn, and its weight. Each object must have attributes entered for it: These are its weight (I use a weight of zero to indicate that an object cannot be carried, e.g. an elephant|) and its status. This can be
either no turther attribute
(zero), a container (one), a wearable item (two) or a container that can also be worn, like a rucksack (three). According to the PAWS technical guide, if you give a container a weight of zero then the sum weight of
everything in that container will not be taken into account when the program determines how much weight the player is carrying in total. This way, you can carry an unlimited amount of weight. You don't have to do this, ifs just one possibility for you. Of course it you do do it, and want to use a particular weight to specify an object that cannot be carried, then you'll have to use a weight other than zero.

## Putting Objects

 into the Container Because PAWS uses special condacts to take the work out of moving objects in and out of containers, these commands are quite easy. For example, if we have a bag as object number one, then in the attributes table we enter its weight and an altribute of

Axe Of Kolt? Well, at the time of writing, the $£ 50$ prize going begging in the compo is still unclaimed, despite zillions of copies being sold. So it could be worth that extra little bit of effort if you think you're partway to solving it.
Get a move on though, $\cos$ FSF's next few games will soon be out now that programmer Larry Horsfield's finished converting Magnetic Moon and The Axe Of Kolt for the Amstrad CPC and PCW machines. (The Axe Of Kolt is also being converted for the

contributor to the Adventure Probe fanzine, closely followed by The Krazy Kartoonist
Kaper, written by that Krazy Kartoonist Kez Gray. My mind boggles at what that one will be like!
one (to indicate a container, as shown above). We then enter condacts as follows in the response table..

PUT NOUN2 BAG; Specity the bag? PRESENT 1; Is the bag present?
AUTOP 1; Put object in bag DONE; Finish command

PUT NOUN2 BAG; As above ABSENT1; No bag around? SYSMESS 26; Tell player "There isn't one? DONE; Finish command

PUT SYSMESS 60; "Put it where?" DONE; Finish command

PUT ALL NOUN2 BAG;As above PRESENT 1; Is the bag here?
DOALL 254: Process all carried objects DONE: Finish command

These example lines show how easy it is to make use of containers. The first line checks the LS (Logical Sentence) beyond the simple verbinoun to see which container the player means. If your game only has one container, then you wouldn't need this condact. If you have more than one bag then you can distinguish them by using adjectives (green bag, large bag, leather bag etc). The line then checks that the appropriate bag is present, and the AUTOP condact AUTOmatically Processes the specified object. If the object is being carried then it's put inside the bag. Otherwise, the condact reports the status of the object (you're not caryying it, it isn't here, you're
wearing it etc). DONE then finishes off that litile command, so that the program doesn't automatically go on to the next in line. Don't forget your DONES!
The next line processes the command if the bag is absent. letting the player know. The SYSMESS (SYStem MESSage) can of course be any number (you don't have to use 26 for "There isnt onel), just as long as you specify the right number for that message (a bit obvious for experienced users I know, but something novices need to be reminded off.

The next line would follow all the extended LS commands, and is used to ask the player where they wish to put an object if they haven't specified a container. Alternatively, you can just arrange for the object to be dropped, to let the player know he forgot to say $\mathbb{N}$ THE BAG.
The last line obviously performs the PUT ALL option. Again it checks which container the player is refering to, and that it is actually there. It then initiates a DOALL loop which looks for carried objects and processes the following lines in turn for each object it finds. Although it's listed last here, in PAWS if's among the first lines to be scanned for this command. You must check that the bag is present because if you don't youll get 'There isn't onel' printed onscreen for each object, instead of just the once.

And there you have it. Swift and sweet and straight to the point (and probably totally incomprehensible in the process'). But if it tickled your taste buds then be sure to come back next month when well be finishing things off. See youl

## THAT'S ALL FOLKS!

$T$ his is probably the hardest I bit of writing I've ever had to do for the spankiest mag in the known universe, YS. It's to say goodbye, after five and a half years. Yup, the time has come, the walrus said, to love you and leave you (please form an orderly queue by the door). It's been a difficult decision to make, but I've been offered vast wealth and untold riches by a publisher to write a book which will keep me fully occupied for the next thre months, and then I have to start work writing something for the radio. an
no way I can combine the two.
I suppose the best way to finish is by way to finish is by
repeating the opening words of my very first column, back in May 1986 (then we can pretend it was all just a dream): "Right, to begin let me say that these are going to be some of the best adventure pages around, so keep reading 'em." That'll still be true, thanks to the Ed and his team of mighty minions, there'll just be a prettier face at the top of the page - that of Tim Kemp, the splendidly talented editor of fanzine From Beyond. So the best of luck to him, and in the meantime I'll bid you farewell, sniff, sob, boo-hoo...

1 3 or adventure section in my sleep - and I've
$\sqrt{ }$ that one - there's


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$R 2$

So, um, here it is. On hand to help is a blokie called the programming house that devised the game. In a moment hell be taking us through all the everyday things that a licence converter needs it he's going to muddle through alright, but in the meantime lel's dim the lights and take a look at the movie itself.

## Brilliant! Tell us the plot and completely ruin it for us!

As if l'd do such a thingl Terminator 2 Judgment Day is, of course, the sequel to Terminator 1. Basically, the first movie was just an excuse to blow up lots of cars and buildings, but it was very cleverly made and had lots of quite funny bits in it. The new film is similar. Sarah Connor's given birth to her son John who, later on in life, becomes the leader of the rebel forces intent on toppling some post-apocalyptic dictatorship (or something). Having tailed to kill her in the first movie, these futuristic baddies now send back a newly. improved robot, the T1000, to finish off the job. Enter Arnie, who starts the movie as the same baddie robot he was before (except that he's not quite the same because he's a 'copy' of the same model - which explains how he can pop up in this movie after getting killed in the first). Anyway, he soon gets turned into a goodie by the rebels and sent back to protect Sarah and John,
And the chase is on! Of course, the odds are completely against our Arn - this new T1000's a nastier piece of work than Jeremy Beadle and Norman Tebbit put together. Okay so he's indestructible, but then Amie is 100. No, the trick is that he can rather cleverly tum himself into any object (or being) that he wants to. One minute he's a postman, the next he's cunningly disguised himself as the floor and he's about to gobble you up. And in-between he turns all blobby and watery. just like those undenwater alien thingies in The Abyss! (Which sort of makes sense because both movies share the same director, James Cameron, who also

made the first Termy and Aliens.) Anyway, as anyone who's seen the trailer will know these bits look absolutely amazing. They're computer-originated and apparently cost a cool $\$ 17$ milion. (That's more pocket money than Prince Harry gets!)

And that's it (just about). Suffice to say, it's full of lots of chases and fights and gleaming bits of metal and neon and stuff. and you can be sure the YS crew's going to be right at the front of the queue the day it opens! Right, let's go and find Kev.

## Ooht I've got so many ideas I don't know what to do with them!

You probably won't have heard of Dementia. They did a few of the Golden Axe conversions (but not the Speccy one) and they re pretty famous for a 16 -bit game called Corporation, which they wrote and designed themselves, and released last year to some generally loud "Hurrahs". So what are they doing writing an Ocean movie licence? Cue Kevin Bulmer, who, for all intents and

## SPECCY TALK

Kev's obviously the mastermind behind Terminator 2 , but he's by no means the only Aloke involved. Once he's devised his ilitle bits on the ST he then sends them off to other programmers so they can create the different formated versions. Gary Priest's the bioke responsible for the Speccy version, so we had a quick natter with him.
Wotcha, Gary!
Wotcha.
So quickly, tell us how the Speccy version's shaping up.
Really well. We haven't got as much space as we were hoping for, so we've had to throw out all the piccies we were going to slot in between the levels, but all the fighting and chasing and stuff's running just as well as on the other versions. The animation's certainly spot on.
I suppose it's 128 K ?

III-DNDIRGY ANIMATTION

oof up the beat-em-up bits and you're in for a Accoat. The animation's is totally gurt lush! character computer graphics, but how does he go about achleving it?
"I'm always standing up and walking round the room, going through the movements with my own body to get it right. That's a digitised version of my hand in one of the puzzle bits!"

Crikey! And what about actually making the screens up?
"Mmm. Well, the first thing I wanted to do was get an Arnie sprite that actually did justice to the real thing. No-one's ever done that before. The Red Heat one was pretty big and beefy, but for some reason they decided to chop him off from the waist down! Not that I can actually make Arnie's sprite look like him though..." Eh?


And hore's the end result. (Sadly it's an ST shot - he didn't have any Spec pics.)


Here we are with the bare bones (ahem) of
our animated Arnie...
"That's right. Ocean don't have any copyright over his features so we can't use them. Weird, isn't it? Even the movie company only owns his body (so to speak!) while it's actually in the movie."

But it didn't stop Kev making the sprite big and bullish. Starting with a sort of graphical matchstick man, he gradually added bits of 'tlesh', sorting out how all the joints would move and muscles would ripple, and ending up with a proper moving 'Amie'. He then worked out how many moves he was going to give him (eventually it totted up to nine), and, after that, drew up the T1000 using whatever space and memory was left.

So why didn't you do them at the same time, Kev?
"Cos if's hard enough dancing round the room trying to come up with one characler, mate! Make me do another 'd end up feeling completely car-sick!"

Fair enough.
purposes, is Dementia, ie, the main writer and programmer and graphic artist and managing director and whatever else you want to call him.
"Well, it dropped into our laps really. We went along to Ocean to see if they'd give us lots of money to do a D\&D arcade adventure, and they said fine - so long as we did Terminator 2 first| Originaly, I wasn'! too interested but then I read the script and I was completely hooked."
Kev started coming up with ideas immediately. searching for key bits in the plot that might suggest
a game. The only trouble a game. The only trouble was that he only had six
months to do it in, which months to doit in, whic
severely restricted the type of game he could create.
"Two brilliant ideas


Kevin Bulmer pones with his pride and joy, a modol T800.
immediately went out of the window. The first was a similar thing to Corporation, using point-ot-view 3D graphics for a shoot-em-up. That would've looked really good on the Speccy) (In fact, Image Works are planning to use if for Alien 3.) And then there was the 'interactive communication' 16 -bit Monkey Istand approach - animated graphics, arcade adventure action and lots of talking to the character' bits. But, um, obviously we couldn't have done that for the 8 -bits." (So thank blimey it was chucked, eh, Spec-chums?) Not that Kev was short of other ideas of courseand his first presentation to Ocean was completely off the wall As I said, in the movie Amie gets turned into a goody robot and sent back to the past. This means that, theoretically, he's got to fight his way from the rebel base to the baddy area to get into the time machine - but none of this is actually written in the script. Kev wasnt phased - he spent three days working on a shoot-em-up idea, showed it to the product manager blokie, and was premplity lold lo go back and do something that actually

## followed the plot!

Ho hum. Back to the drawing hoard.

Blimey! He can't make up his mind, can he?
H's called creative inspiration. And anyway, it wasn't long before he struck gold, and opted for - a mixture of a vertically-scrolling chase game, some beat-'em-up bits and a couple of puzzles slipped in between! Exactly like your usual Ocean film licence conversion!!

Oh dear
It was the only reasonable option we had open to ust Honest!"
Explain yourself, Mr Bulmer.
really weird thing is that none of us had ever played games like Robocop 2 and Total Recall - so we hadn't the foggiest idea that we were doing anything that'd already been done beforel But overall it just made sense. Essentially, the movie's built around a chase. It's a very simple concept and it's very effective. And when the chase bils aren't pummeling along full steam then you've basically got Arnie fighting the T1000. So these bits had to make up the bulk of the game if you wanted to follow the narrative. (lt's not our fault - blame it on the fact that Hollywood movie plots are all the

## AIRNIE

 SPPAKS (AGAIN)Hallo. Mein name ist Arnie Schwarz... oh nol litz dat Your Zinglair compooda magazin agen! I vill not speak wiz you! Go avay. Oh you vont mein film knolledge now? Ja, vell 1 making films iz not eazy you know. All dat violenz und blood makes you squeamish. I tell you I vos nearly sick on mein leather jacket vunce. After filming I go to mein caravanette und look at pigtures of kittens und flowers to calm down. Underneath I am ein veally senzitive perzon. It'z true. Ha! Bet
Arnie, on vacation from the shed.
you didn't know zat, YS scum-
make things really dulll! The whole concept of a game has to be based on a player either winning or losing.

So how did you get round it?

We made Arnie mortal, and now the T1000 gets knackered if you bash it up enough. Not a perfect solution, but it was the only way. And it solved another problem too - the way scenes ended.

## TIIIE GANIE PROPEIR

Right, let's have a look at those levels in a bit more detail, eh? The usual way to do it is to go straight through from beginning to end, but since some of the bits and pleces are pretty similar I thought for a change we'd bunch them together..

## - The Beat-'Em-Up Bits

 Essentially, the movie's ail about Arnie fighting the Ti000, and that's what we've got in Levels One, Four and Seven. Because so much memory's been taken up with the animation, you're just left with a basic fight between the two opponents there's no pretty scenery to flesh it out or big wooden boxes to jump up and down on. But it's not a handicap, says Kev - Golden Axe was pretty much the same, and everyone thought that was great.Here there's a similarly innovative approach to the gameplay. The moves you make depend on your distance away from your opponent and his relative strength. This isn't just to save you having to make lots of complicated hand positions with the joystick, but to add a touch of 'instinctive' realism. So if you're three steps away from the T1000 you can do a high

little closer you can give him a boot in the stomach. (Arnie's other moves are upper cuts, punches, knee and head-butts.)

The T1000's smaller in build, but a pretty ferocious little nipper all the same. He's got a punch and a poke (his hand turns into a spike!), but best of all is his head-butt (his neck goes all watery and stretches out so the head gives Arnie a good whack from a foot away!). Obviously, he can't be killed, so the general idea is to wear him out 'tit he drops, or until you boot him off-screen (when he'll fly out of a window or something)

Level One takes place in a corridor behind the arcade where John Connor's been playing games, and Level Three's set in a hospital (where Sarah Connor's being treated because everyone thinks she's bonkers!). Level Five, the grand finale, sees the two robots fighting it out in a huge steel mill, although by this stage the T1000's become a bit more vulnerable (for reasons best explained by the movie, and not by myselif). So you actually get to kill him this time (or try to at least).

- The Scrolling Chase Bits Both Levels Two and Five are straightiorward vertical-scrollers, looked on from a bird's-eye view. Take a gander at the 'Silver Screen To Speccy' box off for a more in-depth guide to Level Two, but Level Five sees Amie and Sarah in a van, dodging the oncoming traffic and being chased by the T1000 in a helicopter. She's in the back shooting out and he's behind the steering wheel. Points are docked if she gets shot or he drives into something he shouldn't - and you've basically got to play both parts!
- The Puzzle Bits In-Between This is where we get to see all the robotty bits of Arnie. Level Three's a hand puzzle, and here you've basically got to untangle lots of tendons and nerve strings and link them up to

The holieqptar bits a lot ilke the lony chase. (You're in Police 13 by the way.
fhooting out of the banck cloor?)
get Amie's fingers moving properly within a time limit. (But don't panic - there's a diagram down at the bottom to help you out)

Next, there's the head puzzle (Level Six). Again, it's against the clock, and this time you've got a fullfrontal of Arnie's pneumatic fizzog, with the metalic robotic side cut up into blocks and jumbled about. Swop them all around to get the correct image.
Extra energy is allocated depending on how well you do.

2. ABove what an ugly mugt Herets the othor purgle bit,
with alt the phand Armie's tare pieces of Arnies tace whiting to ह tuck togethar nyomenty.

BEL.ow put some
clothes ontyom


Because the $T 800$ and $T 1000$ can't beat each other in the movie, various plot devices are used to separate them (otherwise they'd just carry on forever and evert) By making the opponents falible, we completely hit that on the head.
The chase levels posed a similar challenge (but without such an easy solution). For example, one of them's based on a bit where a helicopter's chasing Amie and Sarah Connor in a van. Eventually, the chopper slams into the back of it and blows up, and (somehow) the pair escape to satety.
If's obviously a big explosive ending but it doesn't translate too well into the end of a level - you can still have the helicopter getting blown up (it's been put in the game), but it'd be pointless to try and incorporate it
 into your gameplay and use it as some kind of big climax (like an end-of-level baddy). A dilterent impetus was needed, something that, basically, made the end of the level important. So Kev introduced a time limit - it was a very simple solution, but by having a clock tioking down all the way through he was able to introduce graduated tension, and finish the level on a definite "uull stop'

So what about the actual feel of the movie? How was that incorporated? "Well, not being able to see the movie itself was a blimming handicap," mutters Kev.

Eventually he managed to get hold of pirate trailer on video. That helped a bit-it showed me what the T1000 looked like when it turns all watery, so I incorporated that into the beat-'em-up bits (see box on opposite page). It also helped with some of the lighting and colours, but it wasn't really enough. And you're obviously going to make big, big mistakes. For example, we did the helicopter bit in daylightin the movie, it all happens at
 Sarah Connor, with her very big water pistol. night' (It simply hadn't been written into the script.) And I thought Amie lost his leather jacket hallway through the movie, so in the game I made him wear this tattered top in the second hall. Again, I was wrong."
But it wasn't all doom and gloom. Some of the stuff Kev could do quite easily without seeing the movie at all.
'Take the puzzle bits, for example. They're not just there to break up the action and add a bit of variety they're an excuse to get some of the gore in, and make more of the fact that Amie's a cyborg. In one of the puzziers you've got to match together lots of wires in his wrist, and in another you've got to slide lots of blocks around in his face.) I couldn't show this robotic side of him in the other bits - and it's vitally important to the plot and feel of the movie. Without it the game would've just fell like any other! ${ }^{\circ}$

## And that's your lot

So there you go. Cast-rion proof that there's more to turning a movie into a game than meets the eye. As we said, the move's out in August, we should be having a gander at the finished game next month, and in the meantime don't try any of these tricks at home, kids. Dib dibl 0


## NROU SIIVITR SCIRYNT TO SPRCCOY

H
ere's how Kev went about translating the motorbikeitruck chase into a proper working tevel.

1 Deciding what scene you want to do in the first place

Sometimes you can base a leve on a big bit from the movie: other times you can opt for something smaller, like a single incident. The motorbiketruck chase is a case in point. In the movie, it doesn't last long -

Calling Mr Universe! Arnie scoots down into the water channel on his Harley (with John Connor on the back) and the truck comes bombarding over the bridge and explodes. It's big action stuft, but only lasts : couple of seconds. Silll, the potential's there for some serious funk - let the lorry live a little longer and you can have it chasing Arnie down the flood channel hell for leather. And that's exactly what they decided to do.

## 2 Develop it into a 2 playable sequence

 $\operatorname{cosec} \cos$ up with more than just two vehicles racing down the tarmac otherwise it'd be pitifully boring. So bung in some creative licence, and in no time you'll come up with lots of things they've got to duck and dodge and pick up and keep and jump over and skid on. (A lot like the strip of tarmac at the side of this page actually.)

## ? Choose how to

present it
As we can see, they've opted for a straightiorward birds-eve
 vertical scroller jobby. "Blimey!" you shout ver loudly. "That's not tremendously original, is it, maties?" And you would (at a pinch) be correct. But then you ve got to remind yourself of the other option, and realise there wasn't a whol load of room for manoevre... THE OTHER OPTION: THE OVER-THE-HANDLEBARS-AND-INTO-THE-SCREEN JOBBY You know the sort. They're okay, but you'd end up with the lorry
E- behind you, and you'd have to keep EOP 5 looking back in your wing-mirrors. E-E They might be okay for something like Super Monaco GP but, in that, the car sprites were less instrinsic to the gameplay. Anyway, if'd take up too much memory. And you wouldn t be able to see all those pesky puddies on the road either. So Captain Birds-Eye it is.

## 4 . Construct the

Start with main sprite (ie. you, on the bike centrescreen), then the lorry chasing behind, and then all the peripherals that you've got to jump and dodge. (And if you've got the time to spare at the end, then you can throw in a couple of bridges, like the PC programmer did.) You can also throw in a couple of red herrings - position a ramp just in front of a pick-up object, for example, so when the player's flying up into the air he suddenly realises he can't get down to pick the object up (and so he swears very loudly).

## 5 Make it

This is where it all comes together. It might
 sound a bit obvious, but it's where you get all your speed sussed and set the difficutly levels (and basically make the game). Everything that's come before has been the engine and chassis - now we're adding the petrol to actually get the game up and running.


#  

 Old gamesnever die.
They just sit
around for
years doing
nothing, then
come back in
a smaller box.
JON PILLAR
inspects...

## MULTIMIXX 3

Kixx/E4.99
A three-pack (for a change!) as Kixx becomes the latest company to open its back catalogue and blow away the dust. Is this resurrection, or exhumation? (Eh? Ed)

Street Fighter Travel the world, meet top martial artists and then knock them down by waggling your limbs in an unfriendly manner. Repeat until you pass out. Brownie points for large sprites and optional multiload, but as a game it's stunningly average.

Bionic Commando Neat four-wayscrolling platform game which has you battling fiercely through five multiloaded levels on a world-saving mission. (A typical day's
work for the Spec-chum.)


Watch out for the sandstorms. surprisingly colourful, fast scrolling enhance the playability. There's many an afternoon to be wasted here.

1943
WW2 planes replace aliens in this very ordinary shoot-em-up. With power-ups, a dual-player mode and big mid-level baddies,
the only new idea is "rolling" to avoid bullets. Otherwise you could be playing any of 60 other games (and probably not notice the difference).

It costs a fiver, and two-thirds is crap-so work it out for yourself You'd be better off checking out the Quattro range (then buying $Y S$ with the change)! $\odot$

## THE GAMES

 (SUMMER EDITION)
## Kixx/E3.99

This sports sim is way above average, with eight events that are well worth multiloading. Alongside the usual joystick-busters like Hurdling, Velodrome Cycling, Hammer Throwing and Pole Vaulting, there are some nifty variations in gameplay. Archery is a


B11:3: BLE BO):3:
The Hit Squad/E3.99
Cute games, eh? What can you say about them, apart from "Aawwwl" (or possibly "Bleugh"). To be fair though, the simpering niceness of the cuties has often hidden a darn playable game

- and as if to prove the point, here comes the grandaddy of them all.
As Bob or Bub (or both if there's a pal

handy) you're out to bash up the slightly evil Baron von Blubba. Your sweet little dinosaurs (aawwwl) have to blow bubb at the nasties, then boot them around the screen until they pop and disgorge score-boosting goodies.
Sprinkled around this (very) basic concept are power-ups, oodles of hidden bonuses and a stonking 100 levels of play. All this adds up to a tasty barg, but (strangely enough) it doesn't work very well in one-player mode The desire to get to the next level is still there, but to be brutally honest it gets rather samey. With two Cit players though, it's a completely
 exactly the same, if you see what I mean). The interplay between Bub and Bob is a delight, ranging from planned co-operation to open warfare. Luckily, with extra lives and a continue option, there's plenty of time to make up! The small but detailed monochrome graphics make the action easy on the eyes, and in the best tradition of cute games there are a whole load of surprises to discover. Yup, if you haven't guessed by now, this is Megagame material. On your own you'll find it playable enough team up with another Spec-chum and it's a riot! 10


Shark!
bit like those barg darts game (only more dangerous to passers-by), while Diving, the Rings, and the Uneven Parallel Bars have you putting manoeuvres into medal-winning combinations. The graphics vary from the not so hot intro screens and backgrounds to the sizzling animation. The diver and the girl on the bars are particularly realistic, and the muscle71 straining antics of the guy on the rings is almost too painful to watch! The variety of 'camera 'angles' is another plus. With up to eight competitors you could hold your own tournament, but even taking on the Speccy alone, it's good fun. Don't be put off by the wad of instructions everything's easy to pick up and very playable. I doubt you'll still be playing come the autumn, but in the short term at least, the games of The Games are spanky, um, games. 0

## VINDICATORS

The Hit Squad/£3.99
A conversion of the arcade tank battle game where you play to vin (ahem). Trapped on an invaded planet, you (and a pal, if available) have to trundle through umpteen eight-way scrolling mazes,
shooting and dodging enemy tanks, laser bases, electric barriers etc.
Your aim on
each level is to
grab the key to the next, but in the meantime you can snaffle stars to trade for power-ups.

## THE UNTOUCHABLES

## The Hit Squad/£3.99

The game of the film of the series
 of the book of the period I never got to do in History pits you agains countless gangsters over six meaty levels

the way to reload is great stuff It isn't all manic action and gratuitous violence though. Well, yes it is, but you've also got to remember to grab the vital evidence as you go - in Level Four
you've got to vertical scroller and a platform iobbie) Th idea is to blast away at loads of minions and close in on Al Capone. Graphics throughout are splendidly detailed and atmospheric (although the hyperactive jumping gangsters of Level One do jar a bit) and the gameplay reflects all those months of design and tweaking that went into it. The bit when you're blazing away with a shotgun in Level Three and have to keep ducking out of

level until they've finished the present one. All told, this is one heck of a barg. It's big, slick and addictive, so snap it up and go deal out some justice - the Chicago way. ©


Nobody move or I shoot the British Rail announcer!

Smooth graphics can't make up for dull gameplay, and to put
by the rotate-and-move method (not altogether bad as you can reverse away and cover your escape) but, fatally, you can't move and change direction simultaneously. The two-player mode staves off the yawns a little longer - the one original feature (and a spanky one at that) is that you can shoot each other to transfer valuable fuel. At the end of the day though, Vindicators can be summed up n two words - both them 'boring'. 0

May I see your licence, Sir?
it bluntly this game is as exciting as the original arcade game (ie. not at all). Controlling the tank is


## QUATTRO

 COIN-OPS CodeMasters/£2.99 Here's another of those megasuccessful four-packs from the Codies. Apparently, they're releasing one a month now. Let's 'Insert Coin' and see what happens.
## Pub Trivie

Test your knowledge of completely useless facts with this Speccy version of the three-buttoned bandit. Choose from four categories and answer A, B or C to one of 2,000 questions. Get it right and... have another go. (Gasp!) With up to four players and spanky presentation (and about 1,500 spelling mistakes!) there's a lot of fun to be had if quizzes are your thang.

Are you wizard enough to play Advanced Pinball Simulator? Fruit Machine Simulator "The first true Fruit Machine Siml" screams the blurb, and it seems a pretty good example of its type. Nudges, holds, double-or-nothing - it's all here. Fans will play until their eyes cross, but for everyone else (including me) it's out of the window it

goes!
Fast Food Dizzy meets Ms Pacman in this maze chase game as the eponymous egg legs it away from the nasties and after his lunch. With 32 levels, cartoon interludes and dazzling polish it should be a winner, but the

Advanced Pinball Simulator Would you believe this has a plot? Some nonsense about evil wizards and oppressed peasants (or
something). The pinball table has a good spread
of colourful, animated obstacles, and the reallistic ball movement is commendably nippy. A neat afternoon-filler, but be warned - it's horribly, horribly frustrating.
 is type. Nudges, holds, double

U2? Eurght Cought Spit! Vom! hics and surprisingly flickery graphics and surprisingly repetitive gameplay mean it isn't.

Nope, I didn't like this one. It's of limited appeal with no great games. A bit disappointing all round in fact, and the weakest Quattro so far. 0

## Atlantis/\&2.99 cass

曷Jonathan This game's annoying for two reasons. Firstly it's a shameless rip-off of Ghosts ' $n$ ' Goblins, and I reckon that if you're going to do a copy of a game you at least ought to try and make it a bit better than the original (which this isn't). And secondly, every time I try to type its name it comes out as Hobgolbin. Humph.
The storyline then
The land of Attoris (which spells 'Sirotla' backwards, to save you working it out) was once peaceful, its people protected by the Golden Orb. But it's been stolen (the orb, that (1)), and ghosts and hobgoblins are about to take over and beat everyone up. So King Garath has sent his only son, Zanock (you), to sort things out.

There's some other stuff about swamps and journeys being fraught with danger, but III spare you that and dive straight into the game. Needless to say, saving the kingdom involves trekking along a scrolling landscape, picking off baddies and collecting add-ons. The scroling is of the walk along a bit and then wait for the next screen to scroll on' variety, the baddies are things like ghosts and the occasional stationary gun (being notoriously crap I didn't get very far, so there might be other things too), and the addFarger ons are power-ups and oxtra lives. The graphics are nice and colourful, and attractively designed in places, but


为they move jerkly and are small and weedy. But then they'd have to be, as a large chunk of the screen is filled by a massive great Hobgolbin (see?) logo, restricting the action to the bottom twothirds. Couldn't be helped, I suppose. I did appreciate not being sent back miles every time I died though. The difficuly's just about right. and I sort of found myself wanting to keep playing to find out what came next, but I ended up straightening the bits of paper on my desk instead.


## Domark

ع14.95 SAM Coupé disk
 James Gordon Bennett. Look what's just dropped through the shed's letterbox! A blue $3.5^{\prime \prime}$ disk with the letters SAM on it! My guess is it's some SAM software. Let's have a look. It is! It's Prince Of Persia (and I'm going to



Oops! The Prince has obviously annoyed this dude, who's Oopsi the Prince nas coly, unsheath your trusty sword and ins fumhing to nttack. Quickiy unshean your the shop'. Hurraht No doubt if you're a proud owner of one of those posh 16 . bi mathines youllil know all about this game, bit tor the others Id better fill in the gaps. Bascaly. Prince Of Persia came out on the Amiga and ST around Chntmas and was generally declared to be the best platiorm game anybody had seen in ages, it appeared a couple of moniths later on the 8 -br Amstrad (looking just as Juigy, sort oif but nobody dreamt they d ever see it on the Speccy. And to dale they havent been proved wrong! Obviousy, those dever toks over at SAM HO were quick to realse this, and decided to upstage our humble rubberkeyec chum by doing a really prestige conversion job onit And atter all the problems ihgyve had tring to get ther blue and white baby taken seriousy, this might ust do the thick. it really is terific stuft.
Soremmatiscoeve into the mysteres of the East. shall we?


It's not easy getting around the castle. You'd think they'd install lift or something to make it less hasele!

## Sultans Of Swing

Right, the plot You play the Prince himsell, who's siting at the bottom of a huge castley-du ngeon type thing Your gilfiends beenkidnapped, and being held at the top of the one of the towers. So youve got to work your way up the levels until you reach (and, I suppose, rescue) her
So how come ifs so classy then? Well. tor a start there s the an mation - youve never seen anything like is Vourniuie chap rushes around in such an amazingly life-like manner that it lopks there's a real blokey dashing around the screen. His hands fly about and his body jerks as
he runs ? he runs around-and when whe cimbs up ontoredges you
can see him puiting his weight onto his elbows to itt himself up!
But it's nol just the graphics that make Pop so goodyoull soon get hooked exploring the castle, trying to find your way around all the corridors to get to the next level. A quick hint - the first thing to do is find your sword. Once youve got that you stand a better chance at defending yourself against all the baddies who jump out at you, looking for a silice of your flesh (see box).

## Mapping madness

Wandering around the castle is a mapper's dream. There are five levels, and each is a different floor with secret rooms and potions to be drunk (most of these restore strength, but be on your guard a couple will make you very ill indeed.). Just to make things a bit more dificult there are gates
 Nights. They look as though they smell a lot and would stick their swords right through you as soon as look at you. Just approach them, press Fire, and a gleaming sabre will magically appear in your hand to thrust and

parry with. These swordfighting bits add a brilliant element of excitement and skill to the game they're done so well you actually feel you're learning to fence! (Your opponents get more and more difficult to beat, so you've really got to stay on your toes and get better all the time.) On later levels you bump into a couple of horrible skeletons. Instead of just lying there doing nothing (like real skeletons do) they attack you in a rather vicious

what? You can't kill
them! Eek! All you can do is get them to any nearby high ledges and push them off (which is easier said than donel).


Ma hat rol won't be able to got me down hare Mr cuard! (Vm a bit stuck behind thic gate)
(which operate by pressure pads on the floor heatit; and snapping guiloines youre going to need ining here). As you get turther into the castie things as more complicated and a lot harder. Youll be luchy to have any hair on your head leet by Level Theel What ese? Oh yes, the sounds also pretty amaz ing. Werid Eastem.type tunes fow out and inere act
THE START OF SOIETHING BIG?
W ${ }^{\text {e've seen quite a tew Coupes-specific }}$ titles before, but this is SAM Computer's first real tip for the top. So what about their other plans?

Well, the big news is Lemmings. They haven't signed a deal with publishers Psygnosis yei, but if they pull it off (which they think they will) they'll have the biggest-selling (and most critically acclaimed) 16 -bit game of the year on their hands. The game is a totally original puzzier (and cute to boot) in which you've got to steer hundreds of little, er, lemmings through various assault courses against a time limit, employing their various talents of bridge-building and digging (etc) as you go. The company's also having "discussions" with the Codies, so we may well see Dizzy popping up on a SAM screen soon too.
some fabby sound effects) so it s all a mili on miles
from the standard Speccy beeps and burps.
There's no doubl about it -Prince of Persa isven dificiutit very addictive, and an awtul lot of tun. And (sorry to go on about it) the graphics are so brill that ive simply got to give it a Meg knows it desenves if (just as the SAM deserves such a corking game to show off all it Heartiy recommended. $\oplus$

## सानान-

## PRncterepp

DNAEE REVELATION therinet
Hmm. How jolly pretty. Sort of makes you
want to tick the

# R:OOESSIONAL FOOTBALLER 

## Cult/£2.99 cass

.Jonathan It must be a nightmare for D\&H each time they have to come up with a new name for one of their football games. After all, once you've tried all the possible combinations of 'Soccer', 'Football', 'Boss', 'International' and 'Manager', where do you go next?
But it's centainly no nightmare tor the lucky $Y S$ employee who gets to review the game. In fact 1 was all set to have a crack a their other two Cult budgie titles

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| Ihis seas played Gocls | Eareer <br> PL cued coals |  |  |  |
| uqles | caps |  |  |  |
| Record Trais current val | er fie, e9e |  |  |  |
| Heतgus 1.991 | IaLs 1991 |  |  |  |

As you can see, I haven't actually atarted yot.
Antifm not sure I want to. IAnt I'm not sure I want to.)
Striker Manager and 2 Player Soccer Squad, but Andy wouldnt let me. (Liar. Ed)
The impressive list of features on the cassette inlay boasts 'OItside Trap', 'Coach', 'Caps' and, of course, 'much more', so, eager to get stuck in, Iloaded the thing up. The game's all about being a footballer, rathe than a manager, so the first step is to type in your name, your nationality and which position you'd like to play in. Out of sheer instinct I went for Defence, as it usually means you can hide down at one end of the


## pitch chating lo the goalie and hooping the ball doesnt

 come too near.Once everything's set up the game proceeds, somewhat sluggishly, via the usual menus and lists of numbers. You start off as a subsitute in the second team, and have to train yourself up to become captain of the first team and win cups and things. That means sitting through lots of 'matches' (ie. textual descriptions of the games' progress) selecting things from menus and trying to work out what the hell's going on.

While football management can quite successfully be reduced to menus and lists of numbers, football playing is rather more action-based, and this tends to show in PFs slight lack of depth. And one also has to question D8H's wisdom in releasing these broadly similar football games (the others are of a very similar standard) when they might be better off pooling thei resources into one or two really good ones.


## HiTec/\&2.99 cass

 Jonathan Never ones to hedge their bets, Hi -Tec have decided to take a break from cartoon tieins (don't worry - only for a day or two) and come up with something completely new - a puzzle game. They've even had a crack at writing their own plot! Here it is...


Quite nice graphics actually. (It's just a pity things get so muddled up in all that green.) screen is covered in coloured squares, only this time they make up a maze with lots of baddies running round it. Touch a baddy and lose a life. Okay, you might say, all fair and dinkum, but it sounds more like a maze game than a puzzle game. Can't you slide the blocks around or something? Well no, but you can rotate them by standing on them and pressing Fire. This is handy because the maze isn't quite 'there' to start off with, and you can't get off the level until it is. It's also handy because if you're getting chased by a baddy you can flip the walls round and block him off. Or shoot him. (You get a limited number of bouncing balls $-00-e r$ - for this very purpose.)

And it's really good, in a slightly crap budgety sort of way. Attribute probs make it hard to see what's what at times, but the overall effect is jolly addictive indeed. And with 50 screens, and things to collect too, we're looking at quite a barg. Go get it, I should. O


You're Insector (sic) Hecti, the world's first comput-erised detective (apart from Adam Waring, of course), and you've been assigned to the interchange which has been invaded by Victor Virus and his deadly gang. Crumbs. Now you can see why Messers Hanna and Barbera have got so much money. Still, not having had to lavish too much dosh on expensive cartoon characters means that Hi-Tec have had plenty to spare for coming up with a decent game. Or have they? (Thunderclap.) Well, yes they have actually. It's a puzzle game, as I may have mentioned already, and quite an original one at that. Like most puzzle games the








CodeMasters/ $£ 2.99$ cass


Jonathan I wes about to say that Spike the Viking couldn't possibly have been shipwrecked in Transylvania (as the instructions reckon he has been) because Transylvania is right in the middle of Romania and covered in trees and mountains.

## Here We Go (Again)

## So, with lits of wingos wiote santerece al found a

 for a traditional Codies walk-around-solving-puzzes game. II kicks off in a cotlage in the viliage where Spike has beent taken in by a friendy local. But the door won) open. Crpess, woo temitoseconds into the game and a puzzie already T Tell y you what, Ili tell you this one lor now (ust to prove l play these things property) - pick up the door knob that's ying on the floor nex to you As the game untods, and you get a bit
of explorina the vilage, youll find the main bored ot exploring the village. youll find the emain tiocked by a guard with sticl inctuctions io tum away anyone with homs stcking out of their neme. Dont pancic hough. ineres shay ing 2 and im not going to tell you it (Athought do dak, smelly dungeons and terityingy tigh battlements. And lols in between too, ilke bedrioms, banquetting halls and staircases. Whats more, most o
them are haunted by ghosts, or rats and bats at the very least. Luckiy, however, theress spacoletef tor all the objects and mings youi ineea to collect in order
solve all the puzzes. There are also cheracter' which you can interact with - mainly a case of giving them sometting and hoping it's what they rea ater. They tend to hint at what this might be when you bump into them. Eg. if someone wont tily you past, but says 'Gosh, Im hungry' (or words to that effect) he's sure to want The other thing youll need 10 do as youtre solving


Yum! An impressive spread indeed, specially when you've been shipwrecked for goodness knows how long.

## ctumis out of thaif catt, whereupon they'l thank you

 and scarper, leaving you to complete the quest on your
## So what's the cop?

So, given that the Codies have wntten absolutely
hundreds of these sorts of things before, and every
single one of them that I can think of has been
absolutely briliant, what's this one like? Could they
possibly have gone one walk-around-
solving-puzzles game too far, and made
a complete hash of it? In a word, no.
Soike in Transivania is another corker,
fust as good as Dizzy and friends. What
a relief, eh?
There are one or two minor
problettes, though. For a start, Spike's a
bit crap in that he cantiump. This

 Linda The shed football lies foriorn and forgotten in a corner, collecting dust and spiders. We just don't use it anymore. Last summer it was a very different story of course (we were tackling and dribbling all over the shop) but since then we've kind of lost the bug. Now Andy's got his horseriding, James has taken up jogging (!), and I, erm, well, I don't do anything. So when Man Utd Europe came along it was generally thought that I could do with a bit of exercise. So it looks like the ball's in my half (so to speak).

## Let's get busy!

MUE (as I call it) is the follow-up to, erm, Manchester United (actually). If you bought that game you might have filled in a report card telling Kirisalis what you liked about it and how they could make it better. Well, they read these reply cards very carefully, took note of all the remarks, and came up with what seems remarkably like the same game (except it's got the word 'Europe' stuck on the end).

Like its predecessor, MUE is a combination of management game and arcade action. In the first, you get to do all the run-of-the-mill things that make managers such busy (and highly paid) chaps, like sort out when's the best time for your team to go and stand in a muddy field and get their shins kicked. Or you can tell your men the right way to tackle and then get them all to do 50 press-ups! To do this you need to click on the various icon boxes that decorate the option screen. This is okay, but it's a bit sluggish when you're switching from one to the other, and personally I prefer the desktop approach of European Superleague, where you get to make your choices by picking up the phone and chatting to people.

## Time for a quick kick about

## In contrast, the matches

 are pretty fast paced and furious! They look like any other arcade footie game you get an oblique view of| This is Each cup represents a compotition. click |
| :--- | :--- |
| your |
| save-to- |
| tape |
| thang. |



Even Spike＇s trusty wellies might not be enough to cope with the dreaded Pool of Red Stuff．Ooh，and it＇s all bubbly．

honest footie game（and that＇s a compliment）．The original was incredibly successtul and，if any of the people who scribbled out their forms want to find out if Krisalis have listened to their advice，this will be too．0


Look at that ball got If you want to score， you＇d better run after it，hadn＇t your

# SHARKEYS $\frac{\text { MDLL }}{\text { Zopenelincz299 cass }}$ <br> PAII 10 манг рич 

${ }^{\circ}$Linda Hey ho！Another day， another Op－Wolf clone．Yep， this one takes me back－all the way back to last month and LA Police Department actually．
Aargh！I want something different，I want to load a game up that makes me gurgle with delight！I want to be knocked bachwards by a game＇s sheer cleverness and originalityl What I don＇t want is another aim－the－ cursor shoot＇em－up．But beggars cant be choosers， so here I am with Sharkey＇s Moll．Hey ho（I know Ive said i before but，heck，that＇s how I feell）．


Plck up the gun for more ammo and throw a molotov at that car．（Well，this is Chleagor）

As you＇ve probably gathered，Sharkey＇s Moll is a
 monochrome，horizontally－scrolling， blast－＇em－to－smithereens kind of a game．There are six levels which take you through downtown Chicago，the home of bathtub gin，speakeasies and gating guns．Unsurprisingly，the city＇s running alive with gangsters and illegal booze－even the most innocent looking building could hide a private club complete with leggy dancers，jazz bands and quite a few chaps with violin cases．Obviously it needs a good spring clean and，as sure as eggs is eggs，you＇re the man with the feather duster（so to speak）．
You＇re LISharkey，the government＇s main man in Chieago，and you＇re just in time for a litlle rendezvous with the city＇s underworld boss，the enigmatically named Rubbers Malone．To get to his warehouse hideaway you＇ve got to race through six（extremely similár）levels，shooting gangsters and avoiding informers，innocents and molotov cocktalis．There are the usual pick－ups littered about the place，including machine guns which give you very odd spurts of fire－ one moment you＇re blasting away quite happily and the next your cursor＇s all over the place leaving behind a trail of bullet holes and camage．It＇s quite good actually．
What＇s there in Sharkey＇s．Moll is quite playable． If＇s just that there＇s not much to it，and it＇s certainly nothing new or exciting．It＇s also one of those really annoying games in which you suddenly die for no apparent reason．You didn＇t run out of ammo or molotovs and it certainly looked like there was a bit of blood left pumping round the old artenies．Hey hol o

## CodeMasters／\＆2．99 cass

9James live never understood these loonies who drive from Paris（in France）to Dakar（in，er， Africa）．I mean why take your car to the dustiest，sandiest，hottest place in the world？I prefer to race my red XR3i around somewhere more comfy（like the Vatican City or Sark）．
Anyway，here＇s Paris To Dakar from the Codes． and no，ifs not a＇sim＇．Instead，if＇s a 3D scroling avoid－everything－as－it comes－over the－horzon game．You can choose to drive a truck（which is tough but has a crap top speed）a Min Matro 1 ＇？ which is quite fast and quite strong Dont make me laugh＇Ed），or a motortike which belts along （but wil tip you off if you bump into anything）． Whichever you choose you get a
 Fow－12 road in front of you and the呈远皿 dashboard at the bottom third of the screen．This tells you your speed



The motorbike doesn＇t hang around，but be careful you don＇t bump into anything at over 200 mph ．
revs，damage，fuel and position （usualy about 800th in the race order）

Armed with these amazing statistics you have to race 99
 Kiometres per stage and coliect extra fuel，time bonuses and damage recovery points as you go．Oh，and you ve also got to avoic all the trees，jumps and other vehicles．And there are about eight stages（but icouldn＇t be bothered to count them propery）．
And guess what？it＇s not incredbly crap：It＇s tast，if＇s tairly ficker ifree and if＇s just about hard enough．If you want something that＇s midy fun． packed and isnt too taxing on the brain celis for in the sightest bir revolutionary） ．Wk．wuuce，then this one fits the bil．its Mark Thatcher in the miodle Mark Thatcher in the miod
of the Sahara and getting roasted like a peanut． 0



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## Domark

I you know your arcades then you're sure to have played Pitfighter already the original Atari coin-op
any of three fighters. Buzz is a wrestler who likes Body Slamming. Head Butting and Piledriving (oo-er). Kato is a was a blockbuster beat-'em-up that used digitised graphics of real people fighting. And now here it is on the Spec. "Blimey! That's a bit posh for our rubber-keyed chum, isn't it? And so it is. But don't get too excited, because unfortunately (sob) Domark haven't quite been able to squeeze them in. Instead. them in. Instead, they've come up with the next best thing and made the graphics look as though they're digistised! (Bravol) You can choose


Eurgh! What a mess! (And I only washed my shirt this morning!
third-degree Black Belt who uses the Combo Punch, the Flip Kick and the Backhand. And Ty is a Kickboxing champ who specialises in Flying Kicks, Roundhouses and Spin Kicks. They battle it out in a large pit
surrounded by a frenzied, bloodcrazed crowd (who keep chucking bottles at them). The idea is fairly simple. Hit your opponent until his energy runs out and he dies. Knock him down, stamp on his face, throw motorbikes at him, gouge, kick (/ say,
 steady on. Ed). It's all jolly funky.

The game has a neat two-player option. In the pit there are two or three other fighters - working with your pal, you can either fight everyone at once (and get your head kicked in) or gang up on some poor individual (and kick his head in). Who said life was fair, eh? If you manage to survive, you'll pick up some new combat moves (which you can bet your last penny you'll need), but also have to enter a grudge match every third round and try to bash up your partner (who'll be trying to do exactly the same thing to you)!


Pittighter looks ridiculously horrible and violent (just the way we like it!) and should hit the shops around November. We might even get Arnie to review it (although we're not quite sure if he's hard enough). (Come here und zay datl Amie)

ft's a free-for-alli

ROUND THE BEND

## Impulze

aning to the
into four
is, each
junctions. Each
screen is
populated by
squares which
you've got to
work your way
round in order to
get to
che
punche
which are
waiting for you
in the corner
(so you're obviously on the look-out for, erm, 'humorous' stories) Tricks and traps block your progress (of course), as do a whole host of frolicsome friends from the show, like Bouncing Benny, Doc Croc and the Ninja Teddy Bears. It's all very weird.
 Eventually you get four
characters to control, Looks a bit like Monty Python, doesn't it? (We who you can switch haven't a clue what's happening thought)
between as they wander
There's no point in even trying round. One of them's got to to explain what that's all about. report on a story called "The False Teeth Vs The Atomic Banana" You'd be better off waiting for the full review (next month, with luck).

## FIREMAN SAM

## Alternative



Here we see the crew lining up to shoot Naughty Norman. (Who deserves to die for his stupldity anyway.)
and he still manages to hold down a demanding job!

In fact, Alternative were so impressed that they decided to make a game about him. In it, you've got to race along in a fire engine (against a time limit) trying to sort out lots of problems. It's not
 and a chat with the arsonist, as you calmly wait for the next emergency.

Phew! London's Burning's like a picnic compared to this! It
, looks like it's going to be aimed at a 'younger' readership, so keep an eye out for Rich's review in next month's ish. (Just a joke, Alternativel)

WORLD CLASS

## RUCBY

## Audiogenic

t's said that rugby is a game played by men with odd-shaped b...Er, perhaps not. Rugby is a tough, demanding contact sport which gives you an excellent excuse to roll around in the mud in the depths of winter. And it you're suffering from withdrawal symptoms, you can now recreate the conditions on your Speccy (but without the mud) using Audiogenic's forthcoming title, World Class Rugby. It runs on similar lines to Anco's famous Kick Off little men charge enthusiastically around the field whilst you control one with a big arrow over his head and try to dodge (or foul) your opponents.
The game looks fast and it's
got a clear display (albeit with


## Encl.and

クusTral. Th a 0

Scrum? Blimeyt it looks tike ifuee free-for-all to me!
only a few colours). Also included are all the
decent rugby teams in the world (and Wales), league games, cup matches and friendlies. And there'll be the obligatory two-player option as well. What more could you want?


Why is everyono ignoring the ball? (Perhaps it's toatime and everyone's off (or buns and pop.) beaten up in the shallow end by 15 men with no be kicking into touch around October.
the world (and
Wales), league
games, cup matches
and friendlies. And
there'll be the
obligatory two-player
option as well. What
more could you want?


The jugglers don their dancin' shoes and step out in style to bring you the hottest reviews and Megapreviews this side of the planet Funkl

$\bullet$

## Eet on clown!

Every page is popping with (hi) energyl Party animals
Tipshop, Letters, Program Pitstop and Adventures strut
their stuff to the Spectrum beat - and Adam Waring (Mr Tec, to youl) gets so excited he nearly splits his trousers! Blimey!

。
Love has come to fown!
Jump and jive with our seventh Magnificent 7 covertapel It's packed to the hat with gargantuan games, delerious demos and completely porkendous pyrotechnical POKEs! (Er. 1 think that's pushing it a bit, don't you? Ed) No, not at all

6
Plus: There'll be a blimming enormous FREE GIFT sellotaped to the front cover too! (But you'll have to wait 'til then before you find out what it is.)

## Yo! Get down, Mr Newsie! <br> Pd like you to save me a copy of Your Sinclair every month starting from... <br> My name is <br> And I live at <br> Signature of parent or guardian (if under 16) <br> (Care for a dance?)



## The

 October issue of Your Sinclair-it'll be bouncing all over the shop (newsagent, that is) from the 5 th of September! (So you'd, er, better go and buy it to caim the poor thing down then eh?)


Im pimed for action as my F. $\cdot 16$ leaves the runvay. This time my miss on is to destioy a batialion of tanks. Suddenly, threat warning - interceptors closing fast! I quicky select dogigight mode and ama Sidevinder: We both fire at the same time chaff and a high.g tum out manoeuves his missile. Aloud exposion tells me hes not so luchy.



Fyying fast and low, Iturn my F-16 towards my larget. Time to switch on the ground radar and amm the laser-guided Navericks Ifres sixmissiles in quick succession Lantim automatically locking on to each tank. With flak bussing around me l dive for cover and head for home. Approaching base, I contact the rover and request a takdown for my night landing.






[^0]:    Calls cost 34p (cheap rate) and 45p (at all other times) per minute incl VAT. For details of winners send SAE to: Populuxe, PO Box 2065, London, W12 9JH. Average length of call is 5.5 minutes. 0898 calls are more expensive than normal cails so please ask permission to call if you don't pay the bill.

[^1]:    or extraty

[^2]:    

[^3]:    Independent Stockist.
    Riomhaire Software, Dublin
    Bazzaar, Unit 34 Thomas St. Dublin 8, Eire
    Shop prices will vary
    Personal callers only.

