



IJSE BILLING SYSTEM USER GUIDE

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INSTITUTE OF JAVA AND SOFTWARE ENGINEER

Ijse galle rd. panadura, TEL☐, FAX☐, www.ijse.lk

Table of Contents

USER INTERFACE	DETAILS
USER LOGIN	ENTER E-MAIL AND PASSWORD
HOME	IT HAS ALL OPERATIONS OF THIS PROCESS
DASH BOARD	VIEW SOME REPORTS
MANAGE STUDENT	REGISTER NEW STUDENT
MANAGE COURSE	REGISTER NEW COURSE
MANAGE BATCH	REGISTER NEW BATCH
MANAGE BATCH TRANSFER	TRANSFER STUDETNS
MANAGE PAYMENT	HANDLE SUDENTS PAYMENT
REPORT	GET ALL REPORTS
BACK UP OPTION	BACK UP DATABASE
SING IN OPTION	NEW USER

HIGHLIGHTS

The IJSE assignment management system has following functions.

- Reception can Register New Course Reception can Register New Batch
- Reception can register members etc.

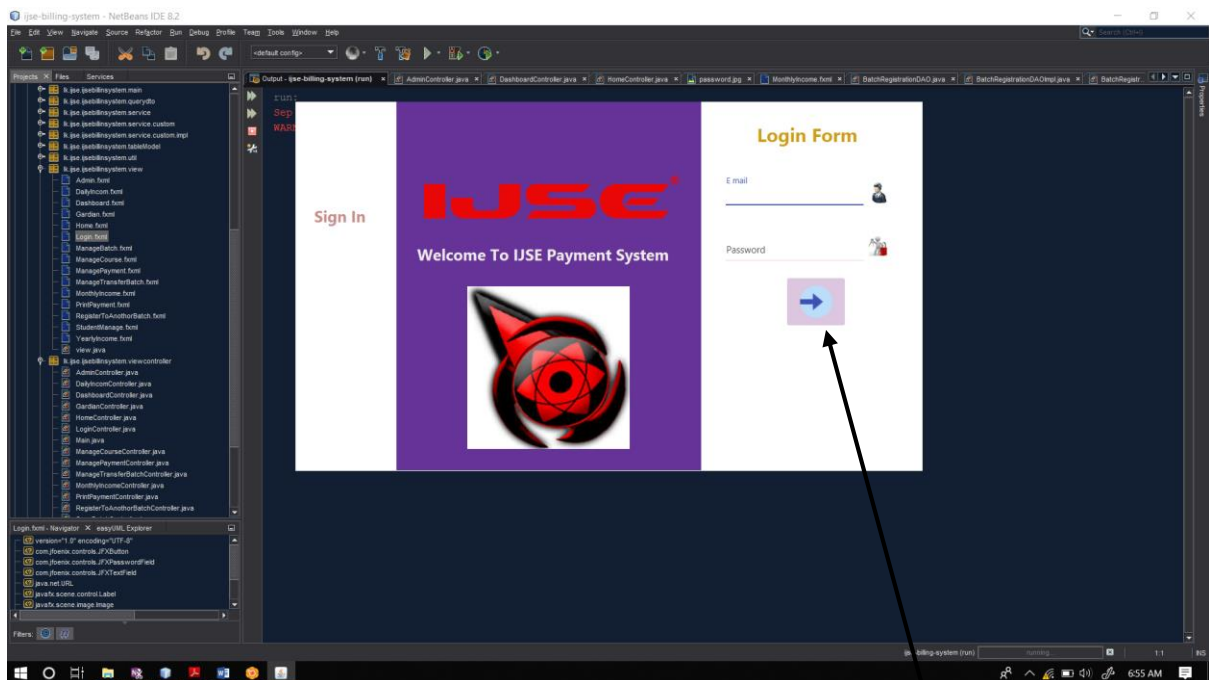
After developed this system the Reception can manage all manual works using system. And can get all details of Student & Payment & about Batch & Courses etc.

This system may be covered by all Reception working sides of this education center.

When we talking about this system main role are payment manage and Registration.

Summary

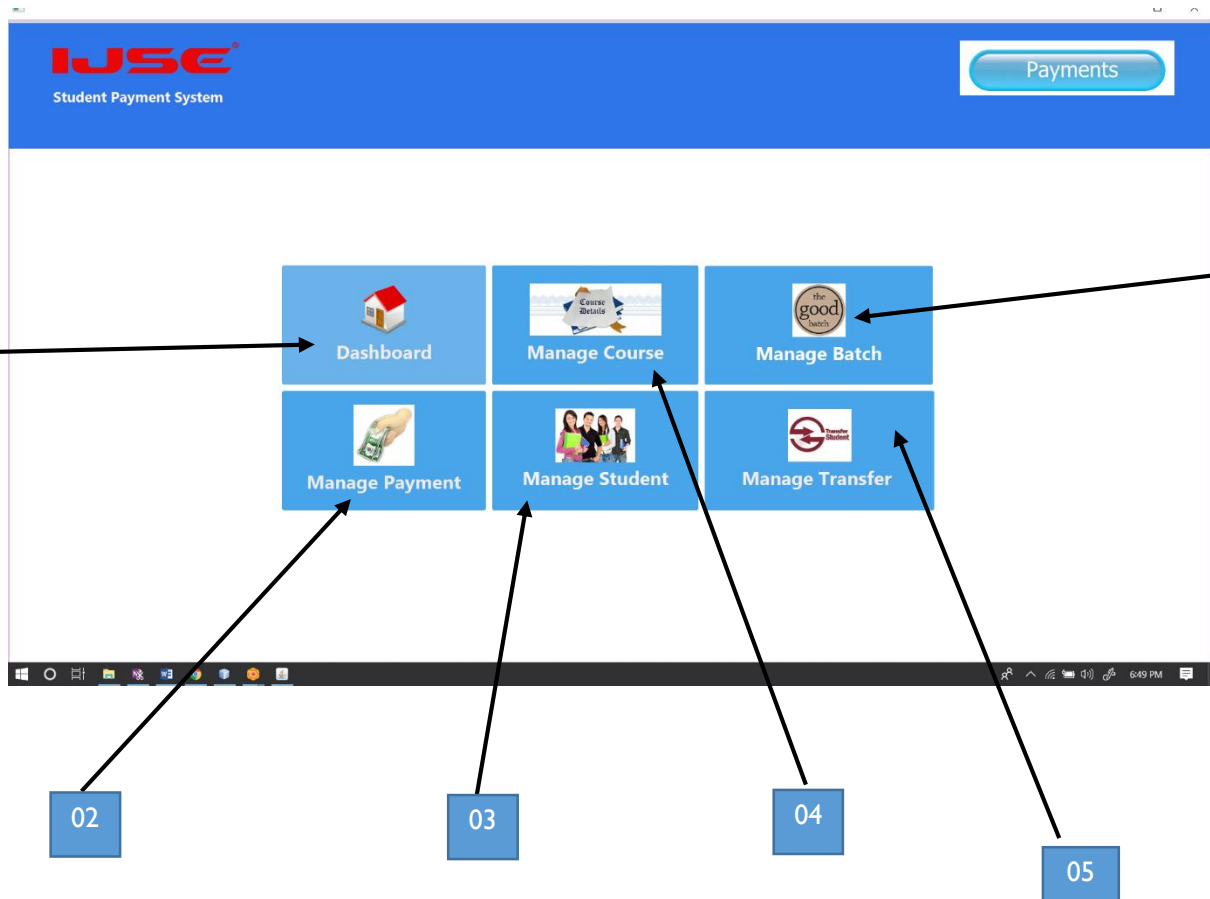
- You can see, this is the entry point of the system when you run system. So I hope any one will can know how to manage this system process after using my documentation.



- You can login this system, after fill your e-mail and password click on this login button.
- You can enter to the system typing your email and password. When the system use first time, you will have default email and password to login. After logged you can change it.
- Now you can click login button and go ahead.

Home

- You can see the all process in this system by home page.



01: we can click the dashboard button and open the dashboard form.

02: we can click the manage payment button and open the students payment form

03: we can click the manage student button and open the student registration form

04: we can click the manage course button and open the manage course form

05: we can click the manage transfer button and open the manage transfer from

06: we can click the manage batch button and open the manage batch form

Student registration

- This process is use, for register new student to the ijse institute.

STUDENT PERSONAL DETAILS

Register Student

Registration Date: 2018-09-04 | Payment Date: [Calendar Icon]

Name with Initials: [Text Field]
Full Name: [Text Field]

Address: [Text Field] | City: [Text Field]

Home: [Text Field] | Mobile: [Text Field]

E-Mail: [Text Field]

School: [Text Field] | Year: [Text Field] | Month: [Text Field] | Day: [Text Field]

Gender: ☐ Male ☒ Fe Male ☐ Nic

University Or Other: [Text Field]

Registration Fee: [Text Field]

Batch Id: [Text Field]

Register Another Batch

Find Students: [Text Field] | Student ID: [Text Field]

Batch Table

Batch ID	Batch Name	Course Name
B001	CMJD certificate level 1	CMJD certificate level
B002	CMJD certificate level 2	CMJD certificate level
B003	CMJD diploma level 1	CMJD Diploma level
B004	CMJD diploma level 2	CMJD Diploma level
B005	DEP 1	DEP
B006	DEP 2	DEP
B007	Web disign 1	Web design
B008	Web disign 2	Web design

Buttons: Guardian Details, Register Student, Update Student

Higher Edu.Qul : ☐ Master ☐ Degree ☐ Diplo... ☐ A/L

01: you must give the date for pay the course fee.

02: when you click the guardian button, you can see the guardian interface

03: when you click the register student button , then you can registered new student .

04: you can update the student details after search student details by student nic.

05: Type student nic and search student for register another batch if student want, but when you search a student by his nic , isn't student , give a message "This student is not exit" , as well as that student is available, you can register student to another batch.

- So when we search student by hic nic, if student is available you can see the gui given bellow.

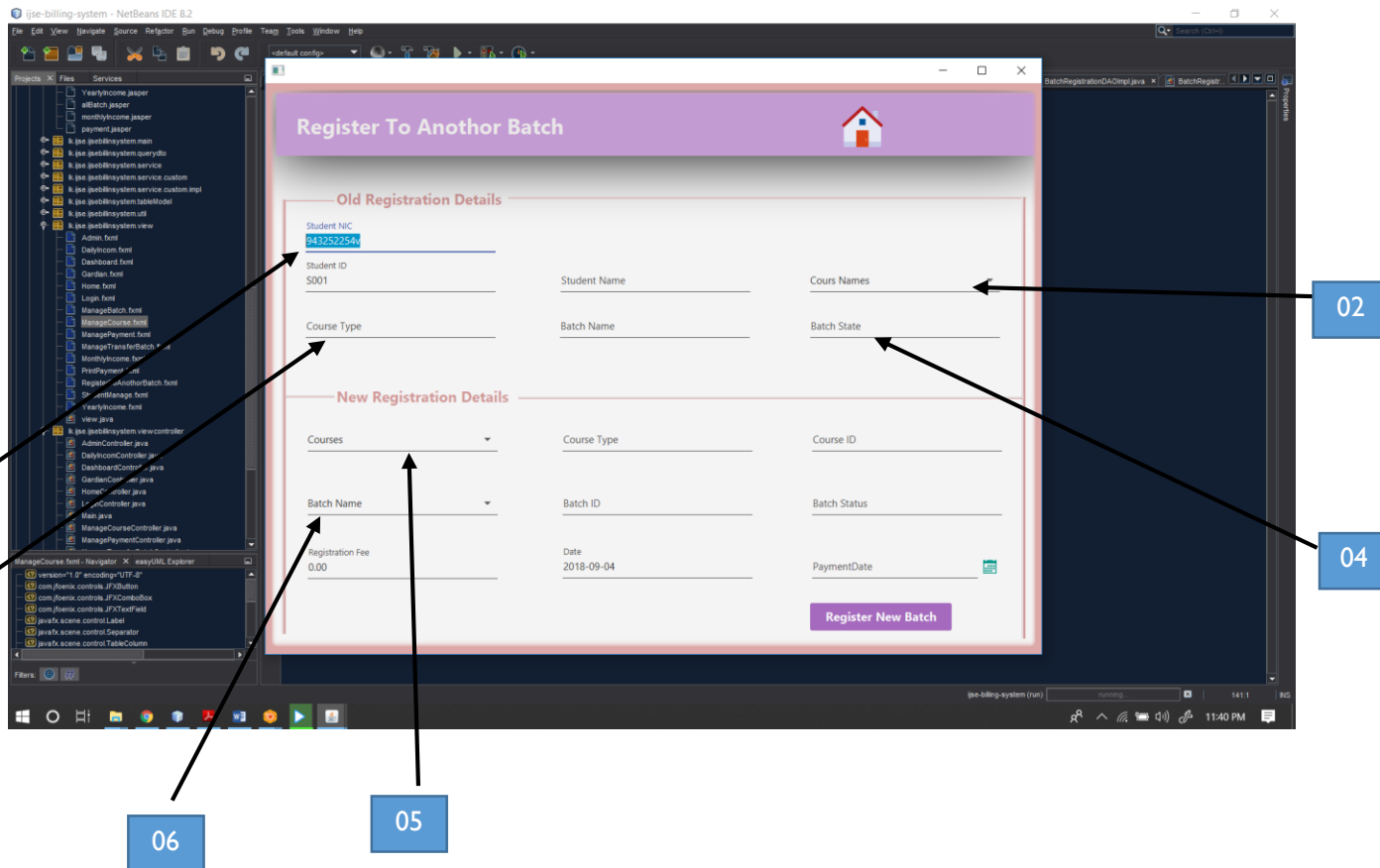
ID	Batch Name	Course Name
1	CMJD certificate level 1	CMJD certificate level
2	CMJD certificate level 2	CMJD certificate level
0003	CMJD diploma level 1	CMJD Diploma level
B004	CMJD diploma level 2	CMJD Diploma level
B005	DEP 1	DEP
B006	DEP 2	DEP
B007	Web design 1	Web design
B008	Web design 2	Web design

This table has , not started batch yet

- I plan by this process, register new student to the Ijse institute.
- So first of all register new student, your must fill all details of student, include guardian details. After you can register new student to the ijse institute.
- As well as that, you must follow under the rules before register the new student
 - Fill details of student.
 - You must click the guardian button and fill the guardian details.
 - You must give the date for pay the course fee.
 - You must select the batch according to the course witch student requester by table.

Student register to another batch

This process is use to register student for another batch



01. You can find the student and search his details by using his nic.
02. Courses names of currently following by student who found student.
03. Courses type of currently following by student who found student.
04. batch status of currently following by student, so we have two type for batch , for example “Part time” and “Full time”

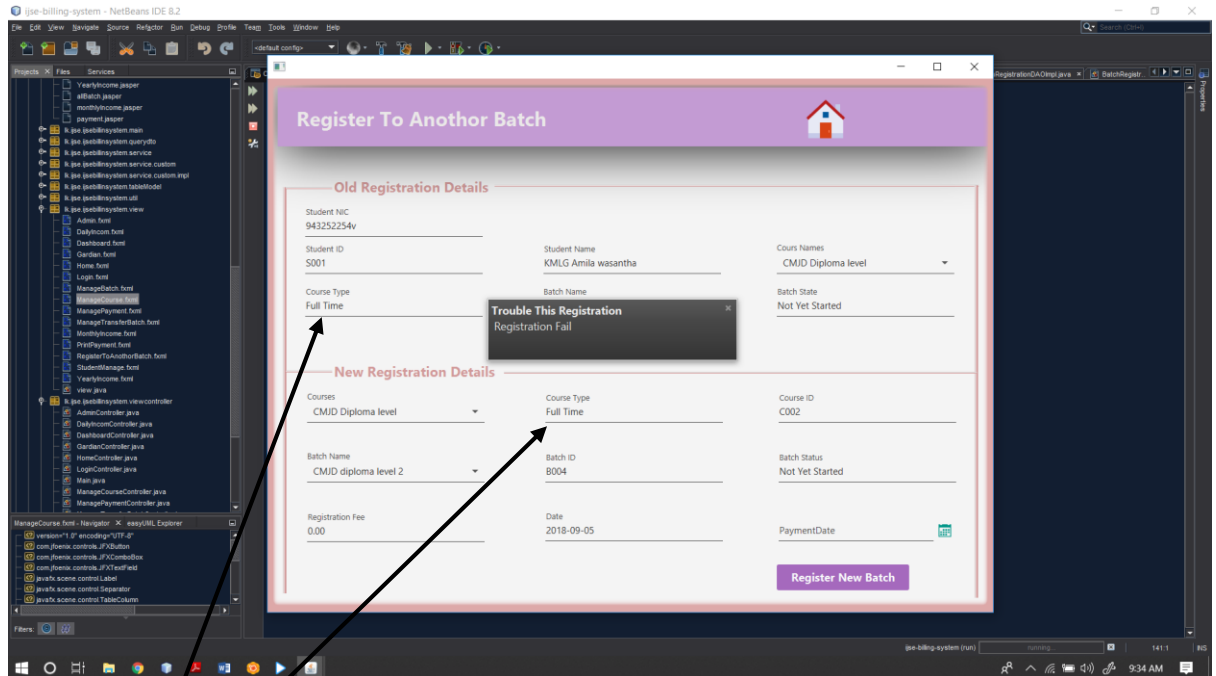
- so Student’s details filling by automatically about when we found that student such as student name, current courses name, batch name, batch state. By student old details.

- 05: load all courses what have ijse institute, in to combo box.

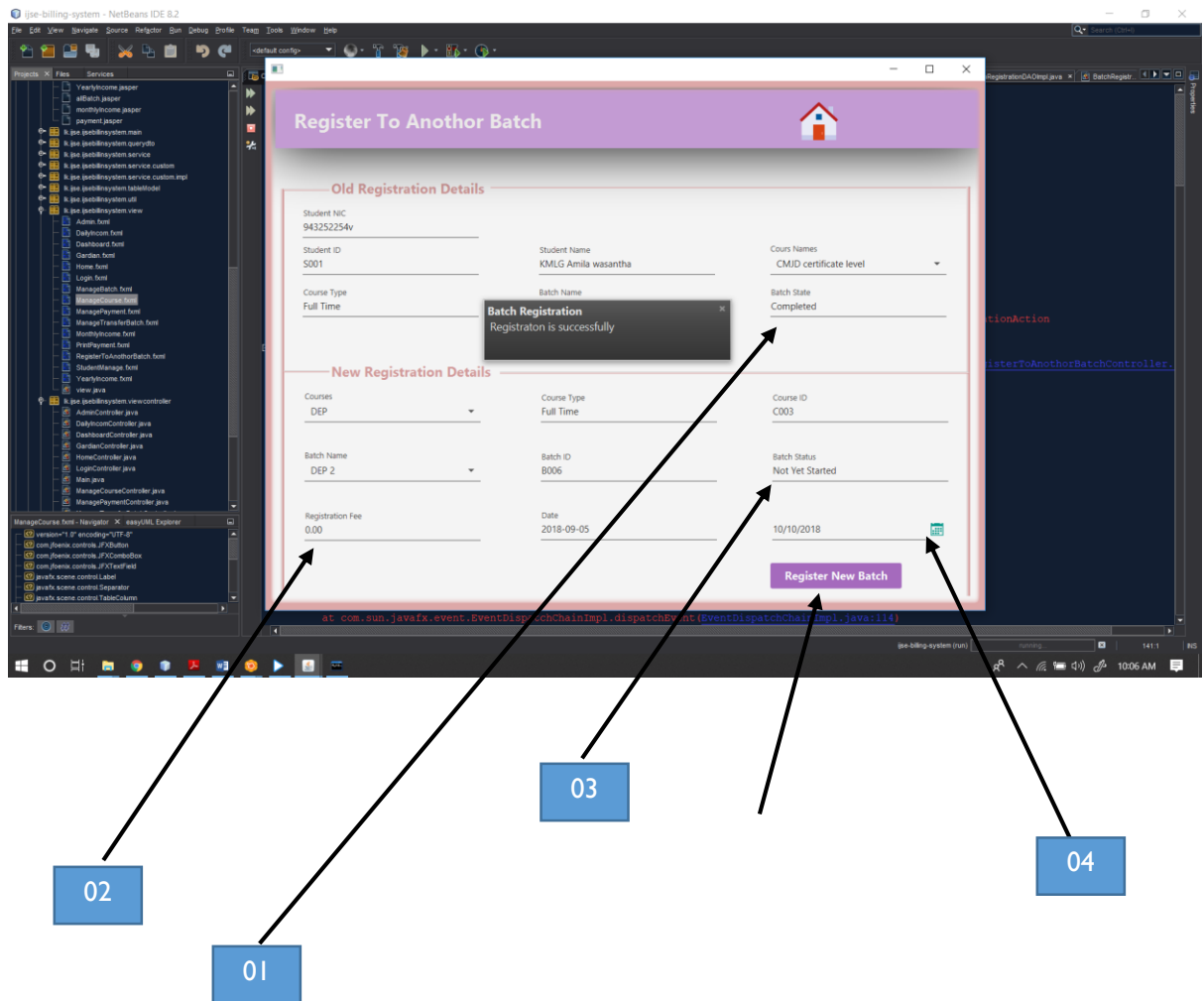
After you can select the courses what student want register new batch. As well as that when we select the course by the combo box , auto fill all details that course. Such as course type, course Id, batch name, batch id, batch status.

- 06: when you click the course name, what student want, auto load batch, what not started yet, in to [06]

- After you can register student new batch, but if student register new batch you must following under the rules. See it next gui ->



- This registration is fail, because of, student can not register have same course type.



01: This registration is successfully, because , although course type name same, but student previous course completed

02: doesn't fee, for this registration, because this student registered one time in to this ije institute.

03: student can register only batch, what not started yet. So I load batch, what only not started batch yet.

04: you must give the date for payment for course.

05: Now you can register student to another batch, what student want.

Manage Payment

- This process I use to manage payment for all students.

Students Payment Form

Student Payment Info

Date: 2018-09-02 Student NIC: Student ID: Student Name: Course Name: Course ID: Batch Name: Batch ID: Payment Date: Registration ID:

Payment Type ☐ Full Payment ☒ Half Payment

Full Amount: Discount: Tax: 2% Late: Pay Amount: Balance: Late Dates: Settle Balance: Total Of Pay Amount:

Payment Table

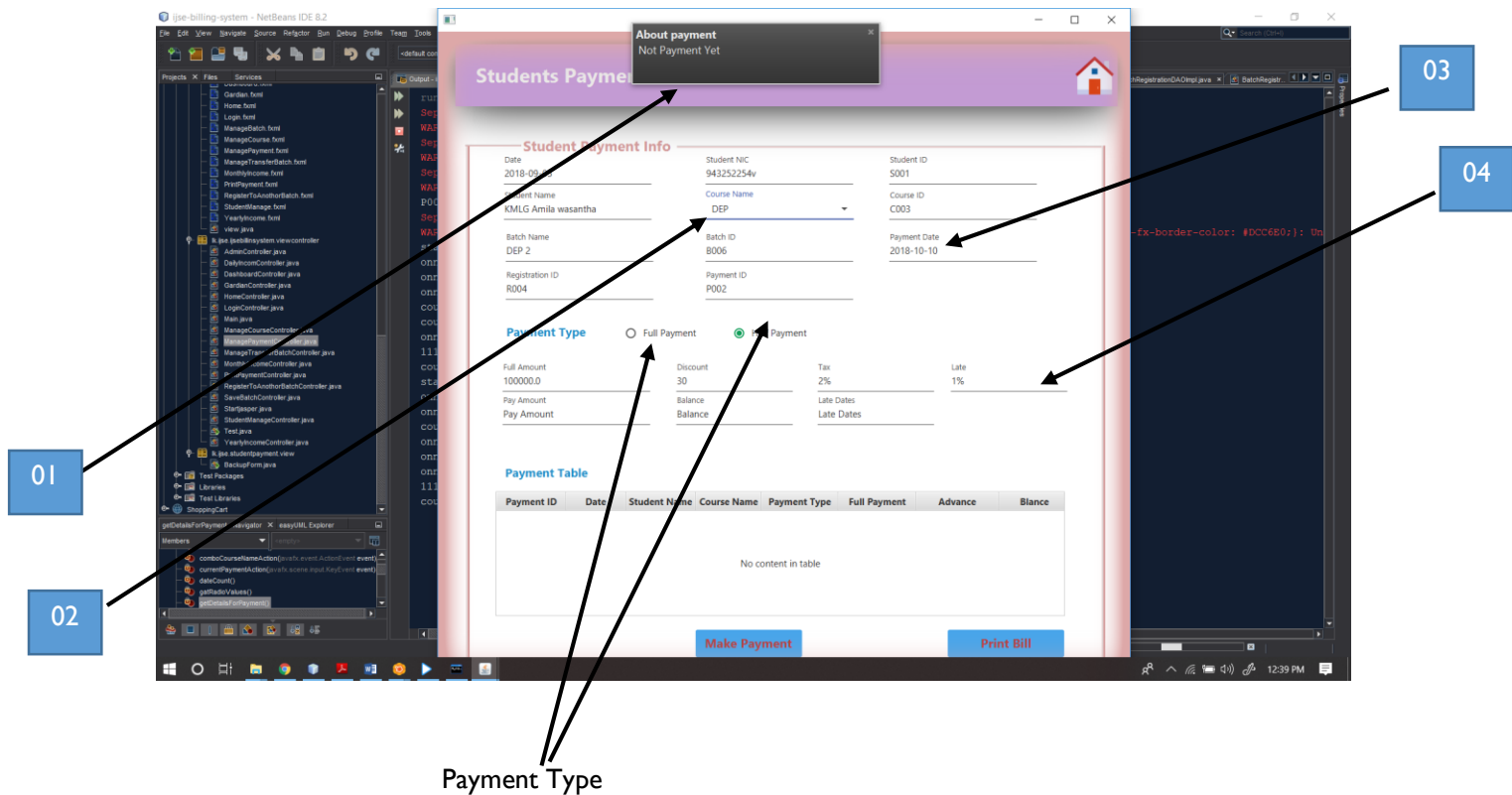
Payment ID	Date	Student Name	Course Name	Payment Type	Full Payment	Advance	Blance
No content in table							

Make Payment Update Payment Print Bill

01 : Before when you going payment to any one of student, first off all you should do, enter the student nic and find about student payment details and confirm student previously payment do or not his courses.

02: after find the student, load all courses details ,what that courses of student following now.

So, after, when you select the course, auto fill, what applies to the student details such as courseId, batch name, batchId and if student have payment previously that payment date.



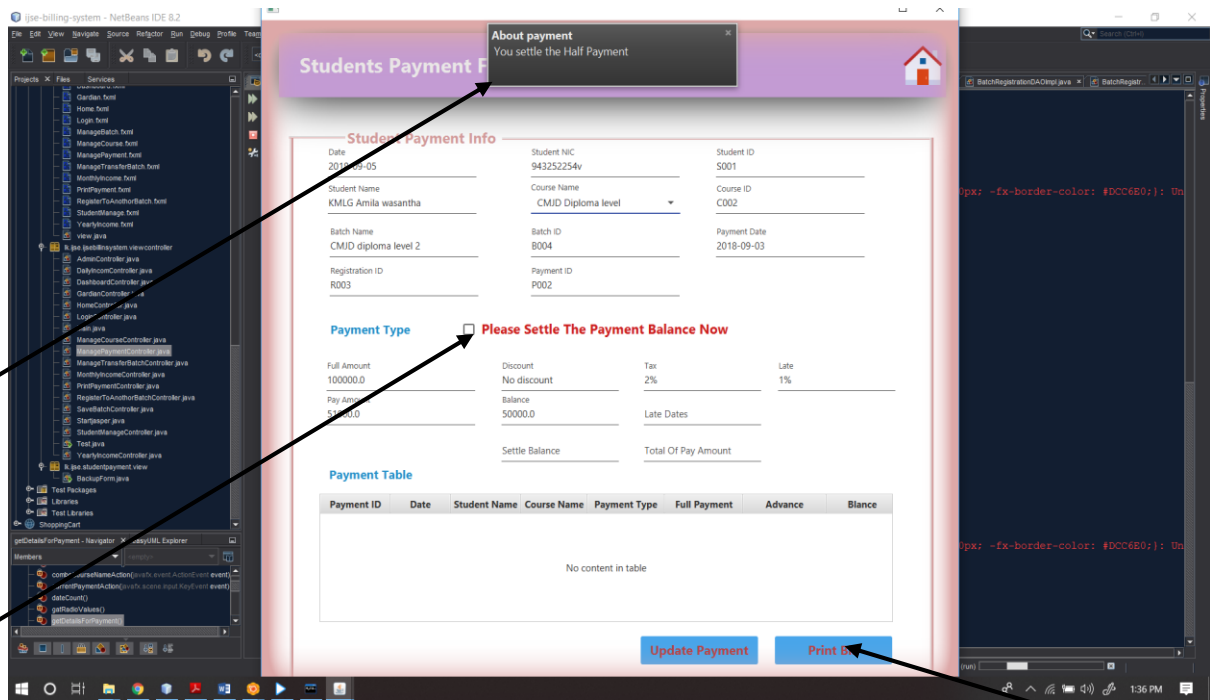
01: Now you can see the notify “Not payment Yet”, because ,when click on a course, this student not payment yet that course.

02: for a example of, this student not payment yet for DEP course.

03: As well as that you should remember this date, because , this is the date when this student register this batch you gave the date for payment.

04: So, this system automatically calculate date count by current date and payment date, then calculate automatically count of date for late payment.

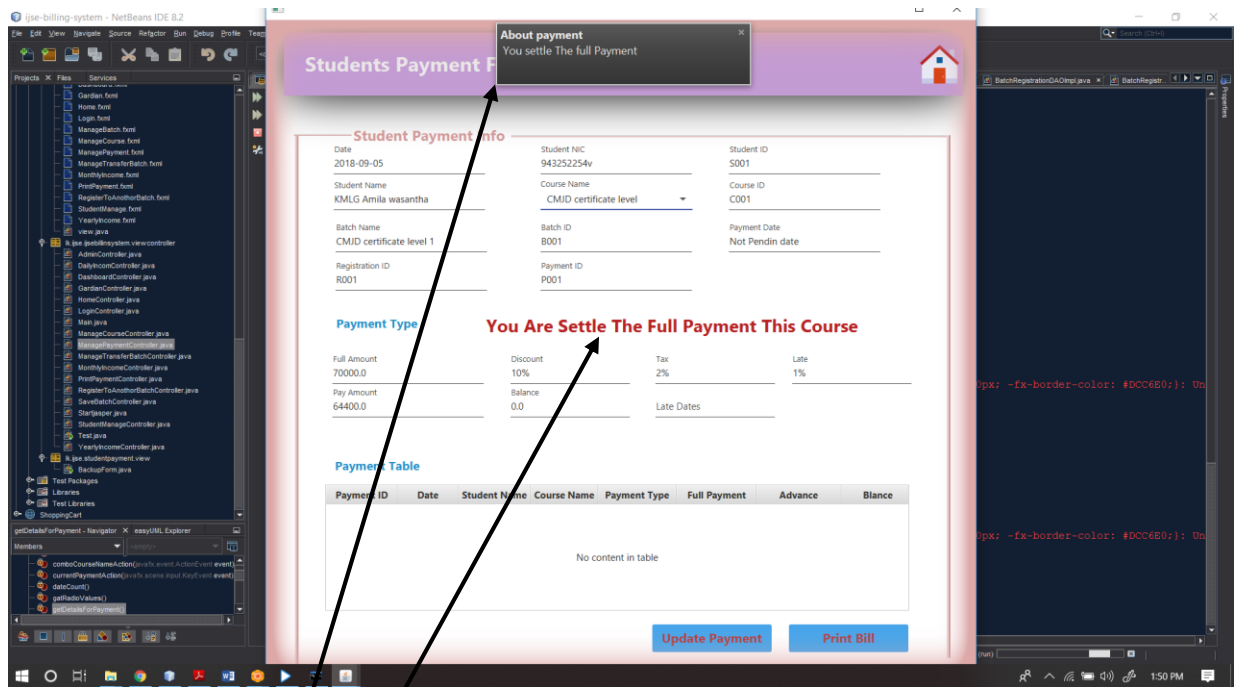
- you can see the two type of payment, such as full payment and half payment.
- You can choose full payment or half payment type as willing student.
- When you choose full payment, system calculate last amount automatically. You may need press make payment button only.
- But when you choose half payment, system request focus you to input values text field automatically. Then you need to type current hand money amount of student, and please select a next payment date.
- Tax discount late fee automatically calculate by the system.



01: you can see the by this notification, this student paid half payment for this course

02: so after when you click the check box, system calculate last amount automatically and press update payment button.

03: print payment bill.



- you can see the by this notification, this student paid full payment for this course.

Manage Batch Transfer

- This process I use to manage Transfer Batch for all students.

The screenshot shows a web application titled "Manage Transfer Batch". It features a sidebar with a file explorer, a main form area, and a table at the bottom. Numbered callouts point to specific elements:

- 01**: Points to the "Student Previous Batch Details" section, specifically the "Student NIC" field.
- 02**: Points to the "Course Name" dropdown menu.
- 03**: Points to the "New Batch" dropdown menu.
- 04**: Points to the "Transfer Fee" field.
- 05**: Points to the "Payment Date" field.

The form contains the following sections:

- Student Previous Batch Details**: Fields for Student NIC (943252254v), Student Name (KMLG Amila wasantha), Student ID (S001), Course Name (DEP), New Batch Name (DEP 2), Batch ID (B006), and Current Date (2018-09-05).
- New Batch Details**: Fields for New Batch (dropdown), New Batch ID, Reason, Transfer Fee, and Payment Date.
- Transfer Batch Table**: A table with columns: Student ID, Student NIC, Reason, Date, Old Batch, New Batch, and Transfer Fee. It currently shows "No content in table".

Buttons at the bottom right include "Save Transfer" and "Update Transfer".

01: first of all enter the student nic and find student details for batch transfer.

02: load all course names in to course combo, what student now following

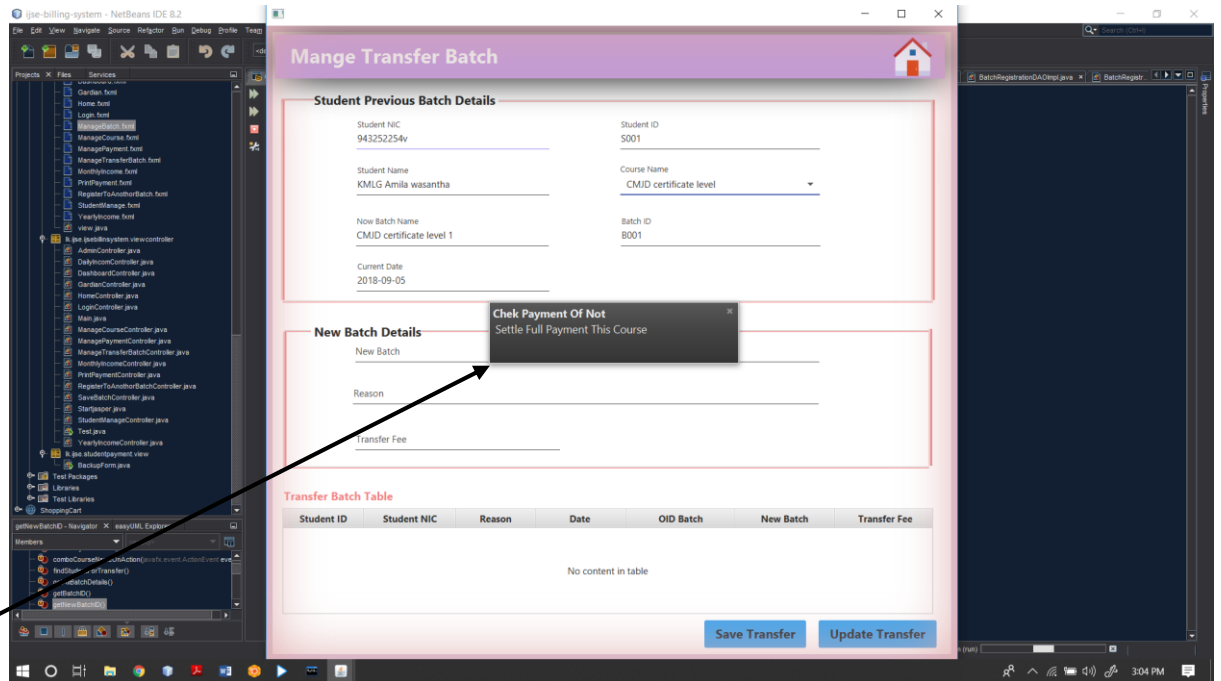
03: then select the course, what student want continue again, after auto fill current batch that course has.

04: after clicking the course what student want continue again, auto fill new batch what not started yet.

05: pending date.

- This process I check before transfer student, what student pay or not last batch.
- If student not paid into last batch, he can't transfer to another batch.

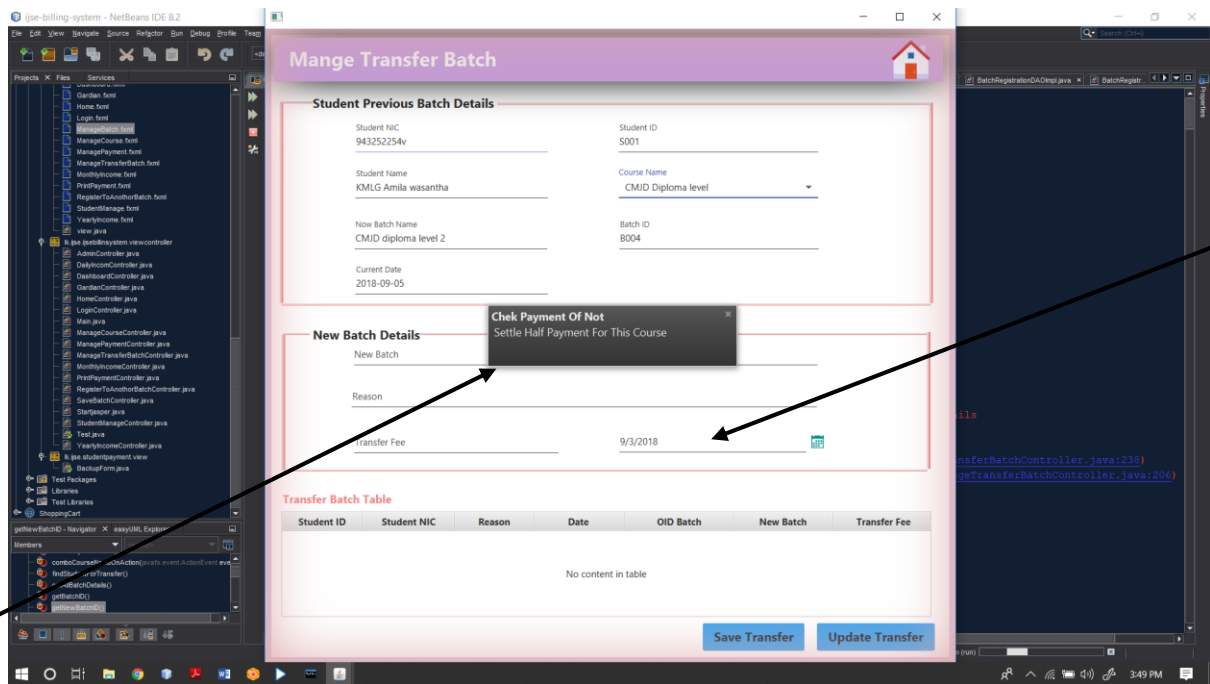
01



01: you can see by the notification , this student is paid out full payment last batch.

So this student can transfer to new batch without problem.

- You can click the save transfer button now.



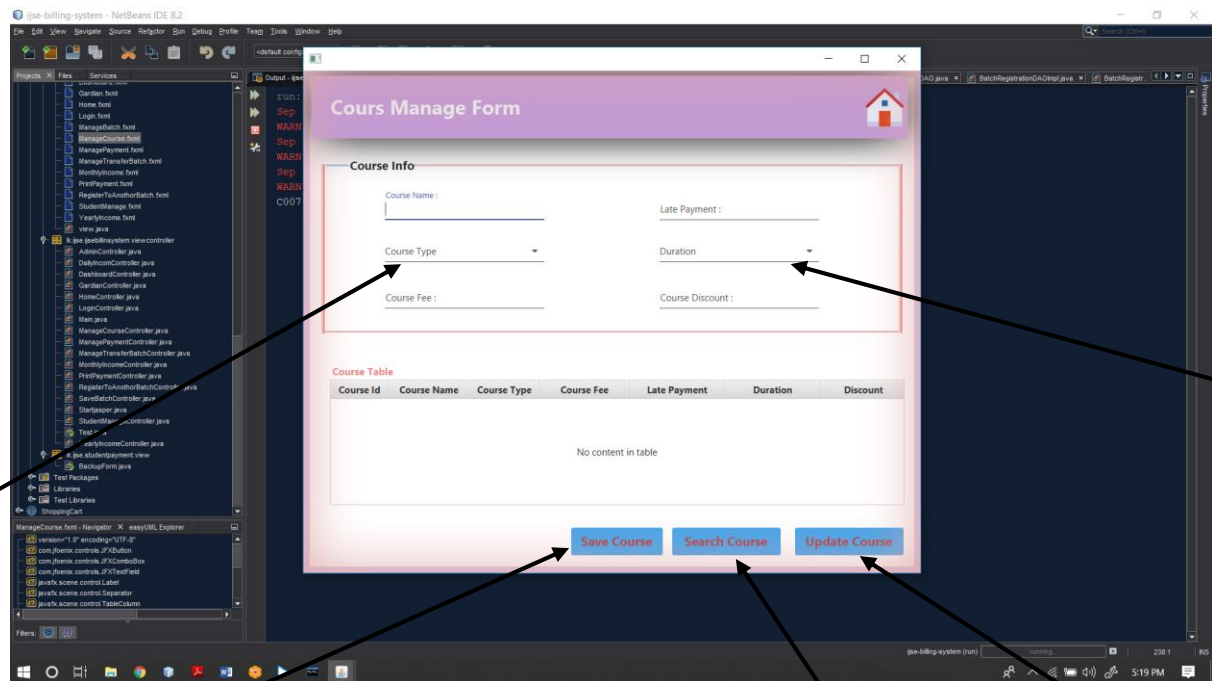
01: you can see by the notification , this student is paid out alf payment last batch.

02: if any one student settle half payment, we can see the pending date.

So you can update this pending date and give the new pending date for new batch.

Manage course

- This process I use to manage Course for all students.



- Fill all details about course and click save button to save new course.
- After click update button, type course id and press enter key. Course details filling automatically.
- Course table retrieve all course details.
- After saving course show good alert.

01: click to save course button and save course.

02: click to search course button and find course details.

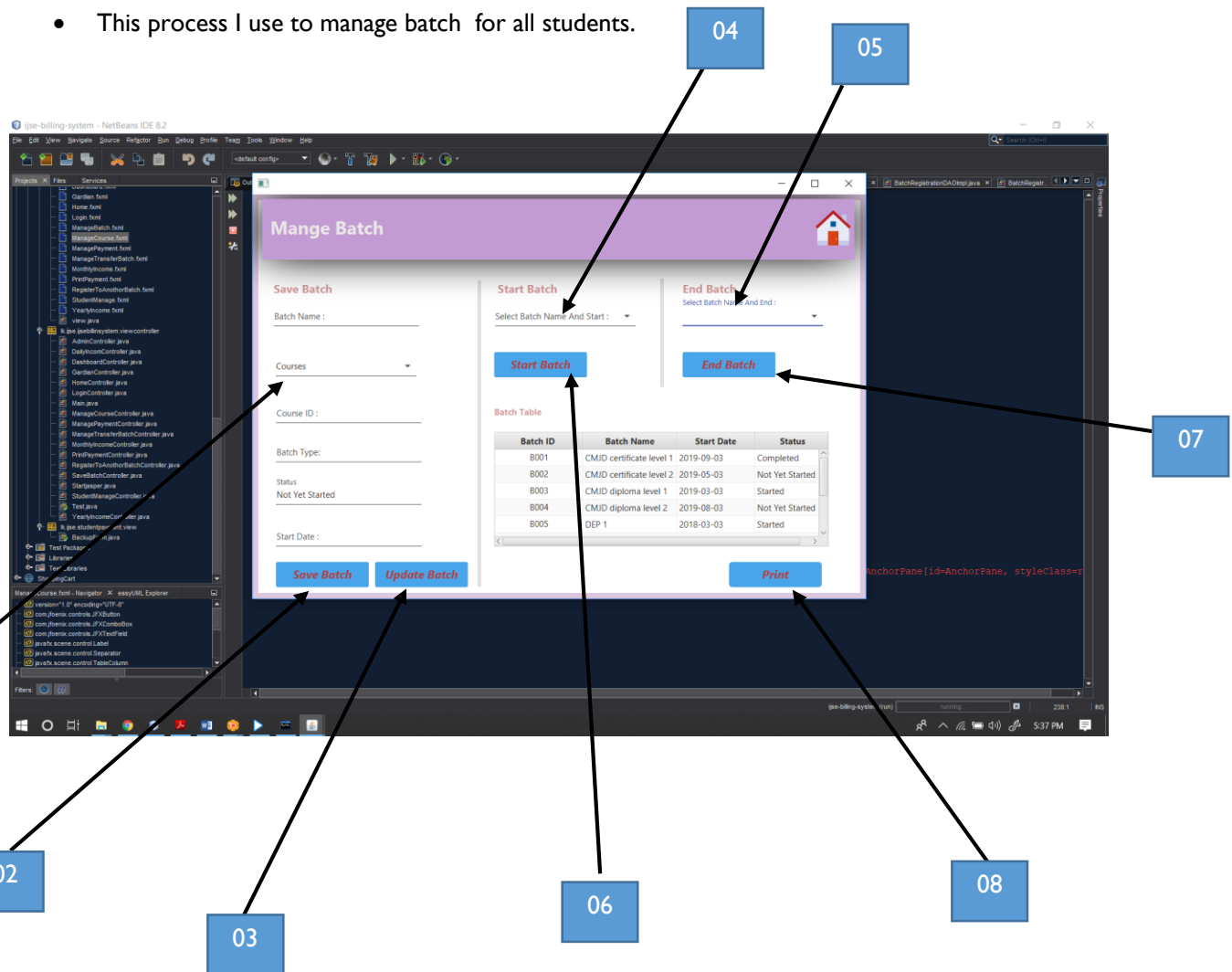
03: click to update button and update course.

04: All courses have two type such as full time and part time.

05: All Courses have some duration.

Manage batch

- This process I use to manage batch for all students.



01: All courses load in to this combo box.

Remember, when you save new batch you should select a course for that batch

02: you can after fill all details and save new batch.

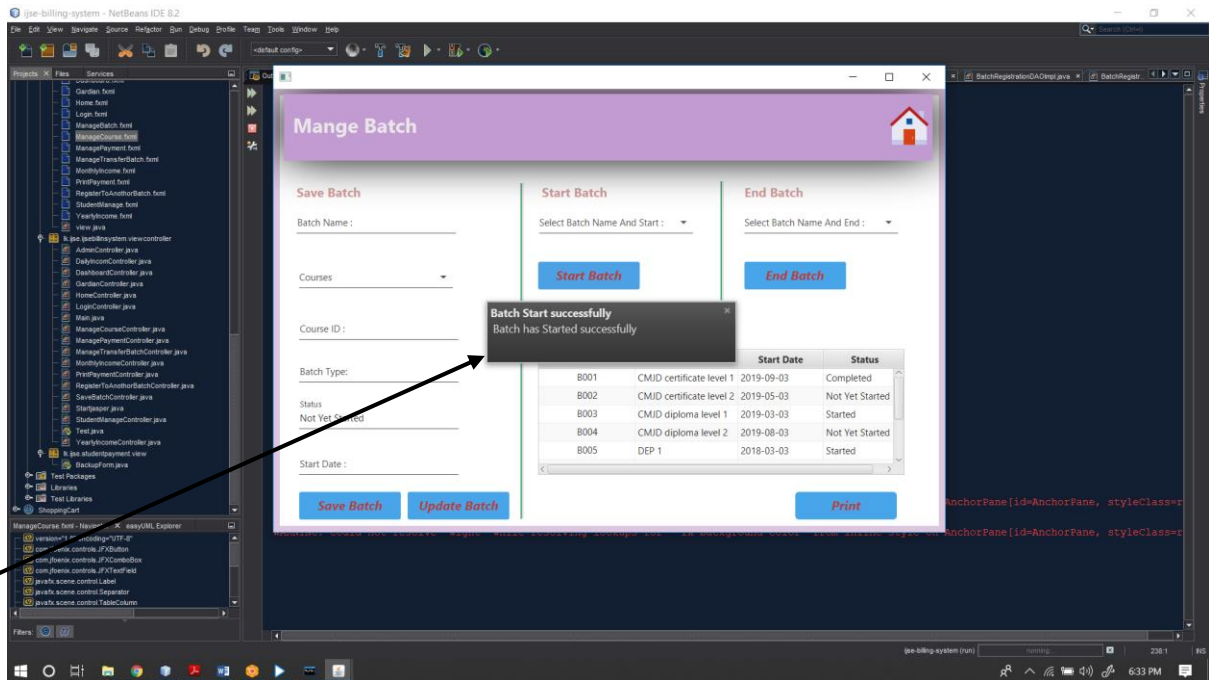
03: as well as you can update batch.

04: all batches what, "not started yet" load in to this combo box.

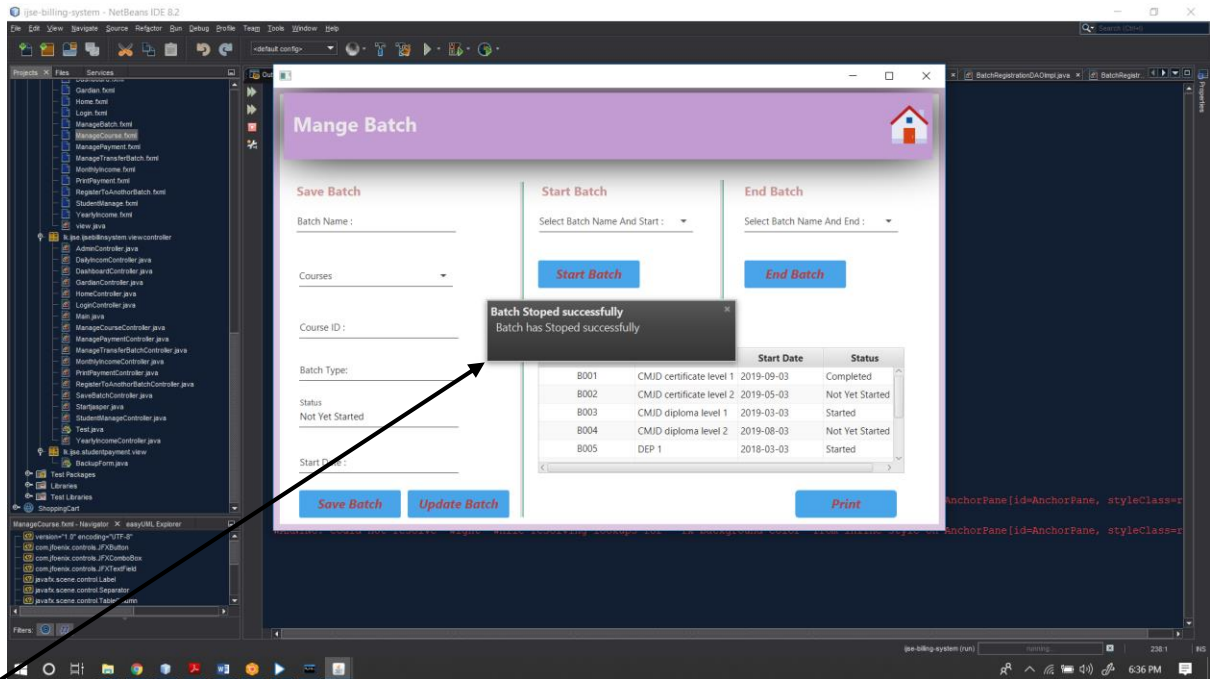
05: all batches what, “started” load in to this combo box.

06: you can started batch what, not started yet.

07: you can complete batch what, now started batch.



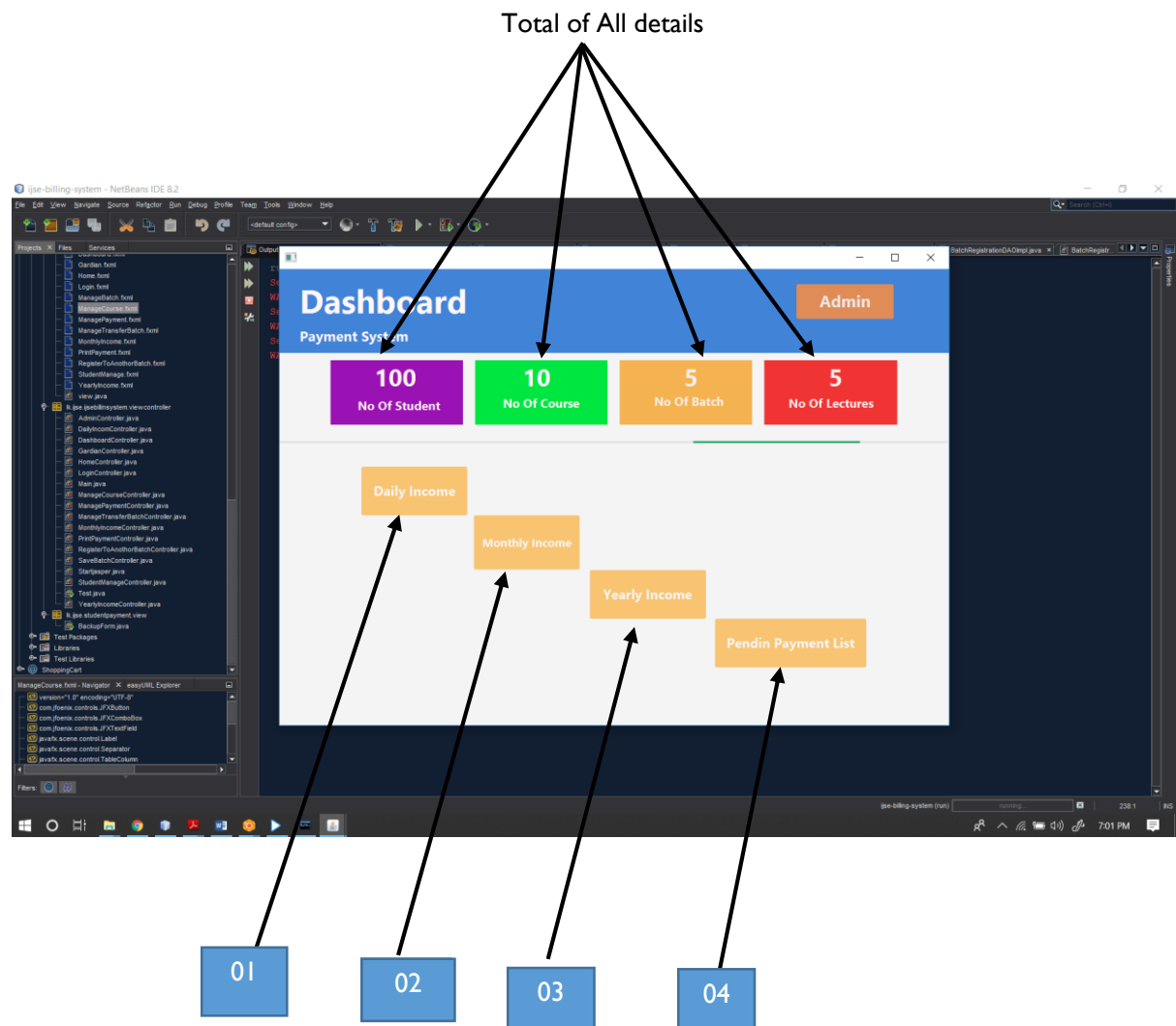
01: you can see the notification when start a batch



01

01 : You can see the notification when stopped batch.

Dashboard



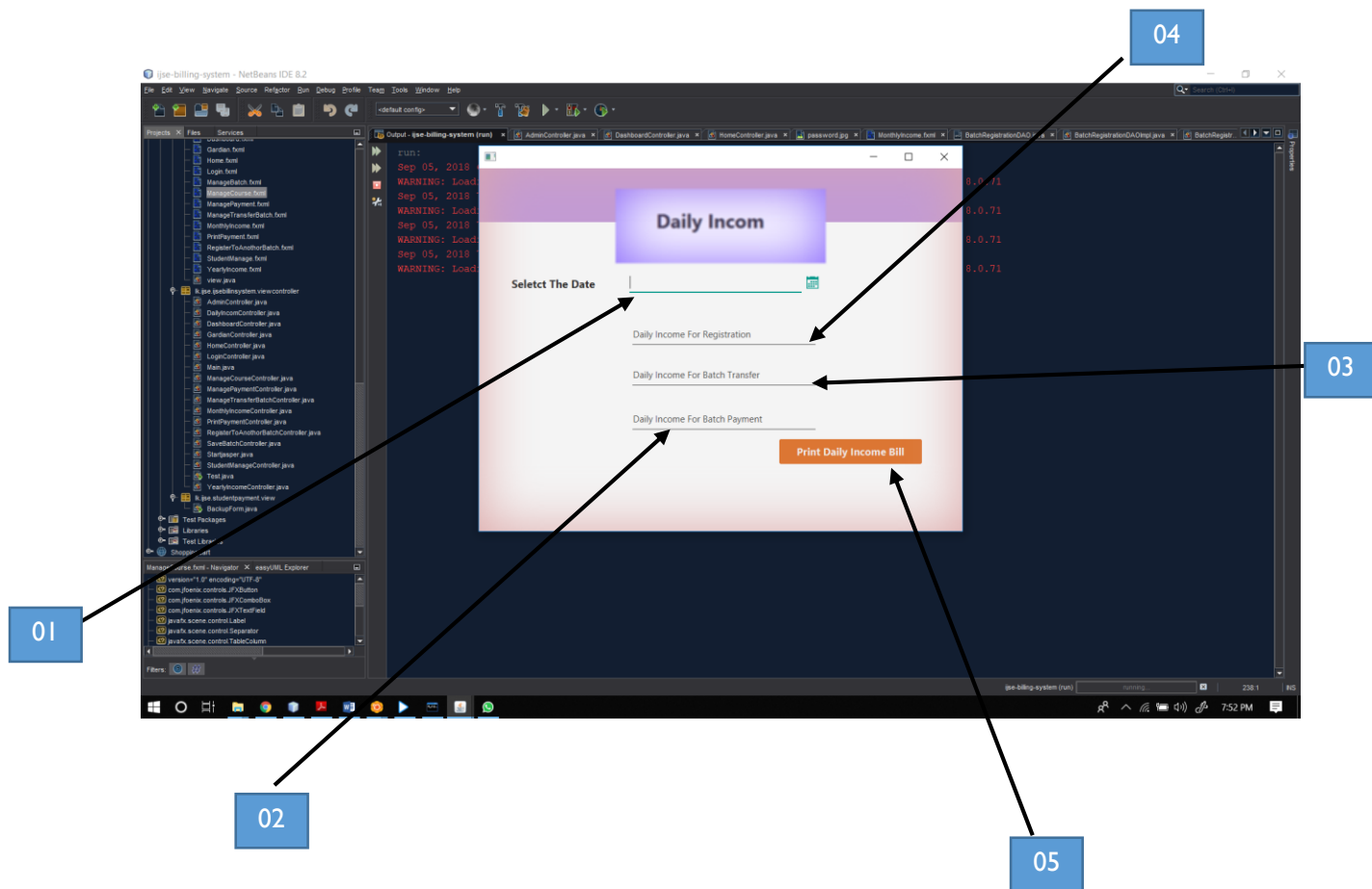
01: we can see daily collection of registration, batch transfer and payment.

02: we can see monthly collection of registration, batch transfer and payment.

03: we can see yearly collection of registration, batch transfer and payment.

04: we can see the pending payment list of students

Daily collection



01: you should select the date and find daily collection.

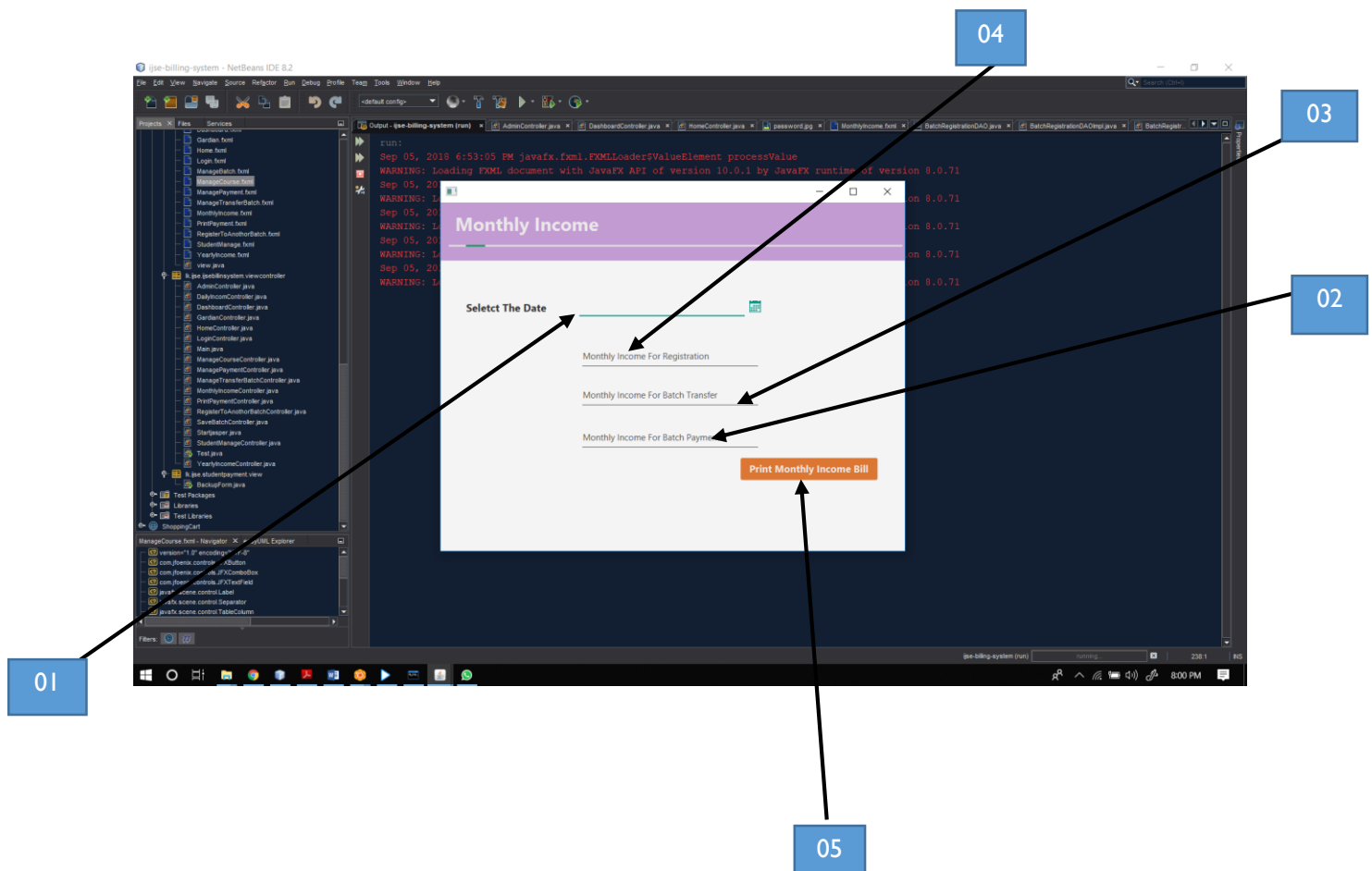
02: daily collection by payment

03: daily collection by batch transfer

04: daily collection by registration

05: we can see the daily collection by print the bill.

Monthly collection



01: you should select the month and find monthly collection.

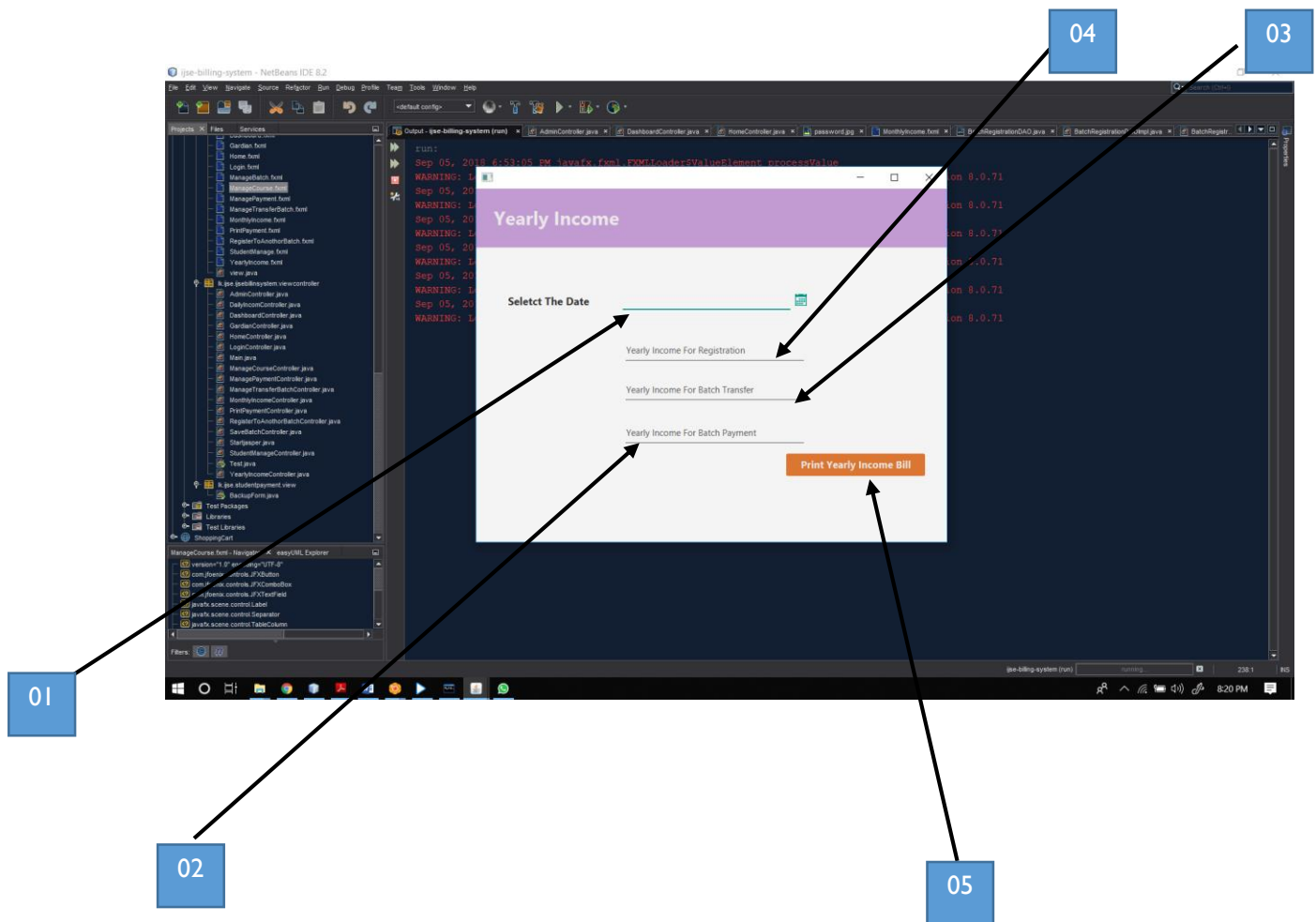
02: monthly collection by payment

03: monthly collection by batch transfer

04: monthly collection by registration

05: we can see the monthly collection by print the bill.

Yearly collection



01: you should select the yearly and find monthly collection.

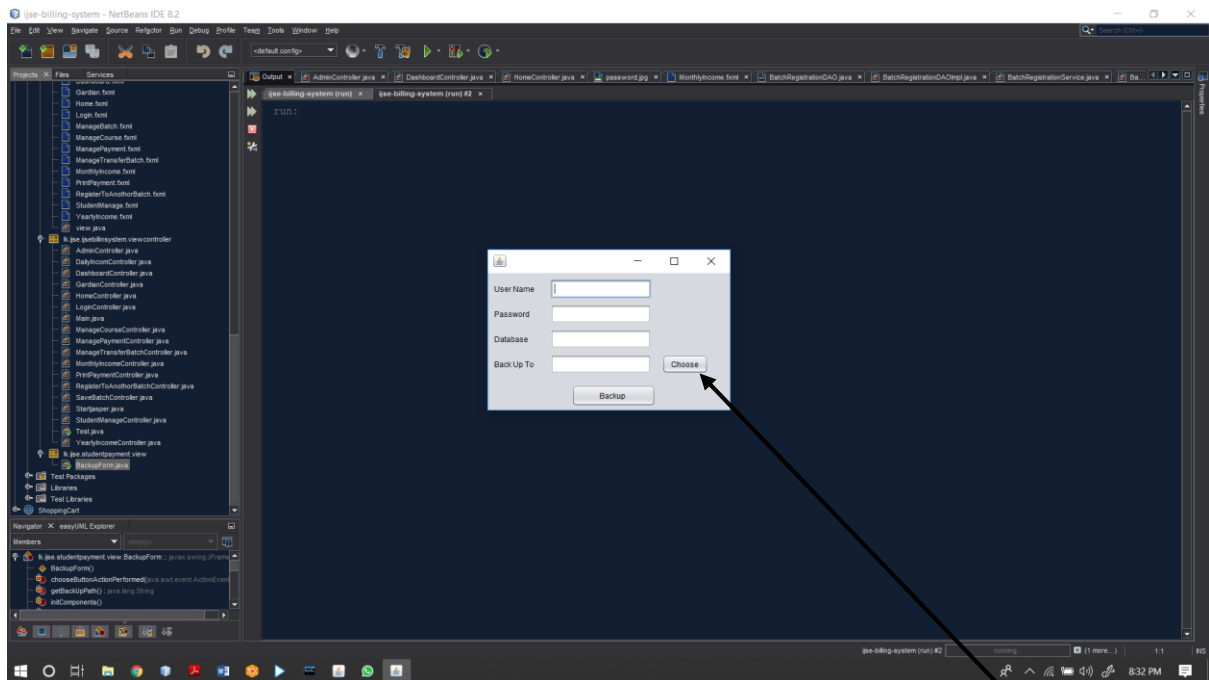
02: yearly collection by payment

03: yearly collection by batch transfer

04: yearly collection by registration

05: we can see the yearly collection by print the bill.

Back up data



Back up path

- After choose back up path, click full back up button only.
- The backup will working after that.

All batch details report

IJSE

September 05, 20:42

Institute of java and software Engineering
223A 1/2, Colombo - Galle Main Road,
Panadura
071 120 2202

All Batch Detail

BATCH ID	BATCH NAME	DATE	TYPE	STATUS
B001	CMJD certificate	2019-09-03	Full Time	Completed
B002	CMJD certificate	2019-05-03	Full Time	Started
B003	CMJD diploma level	2019-03-03	Full Time	Started
B004	CMJD diploma level	2019-08-03	Full Time	Not Yet Started
B005	DEP 1	2018-03-03	Full Time	Completed
B006	DEP 2	2018-11-03	Full Time	Started

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Payment report of student

IUSE
Institute of java and software Engineering
223A 1/2, Colombo - Galle Main Road,
Panadura
071 120 2202

OFFICIAL RECEIPT

Reception Date: 2018-09-05
Nic: 943252254v
Student Name: KMLG Amila wasantha
Batch Name: CMJD certificate level 1
Commencing Date: Not Penden date

Course Name	Description	Amount
CMJD certificate level	Full Payment	84400.0
		10%
		84400.0
Total		84400.0

Page 1 of 1

Daily collection report

The screenshot shows a web browser displaying the 'Daily Collection' report from the 'IUSE' (Institute of java and software Engineering) website. The report is titled 'Daily Collection' and lists the following income details:

- Daily Income For Registration: 5000.0
- Daily Income For Batch Transfer: 18000.0
- Daily Income For Payment: 115400.0

A table summarizes the income by description:

Income By	Description	Income Per Month
Registration	Income For Per Day	5000.0
Batch Transfer		18000.0
Payment		115400.0
Total Of Income		138400.0

The background shows the NetBeans IDE 8.2 interface with the project 'jse-billing-system' open. The project structure includes various Java files for controllers, services, and views. The browser window also shows the IUSE logo and contact information: 223A 1/2, Colombo - Galle Main Road, Panadura, 071 120 2202.

Monthly collection report

IJSE
Institute of java and software Engineering
223A 1/2, Colombo - Galle Main Road,
Panadura
071 120 2202

Monthly Collection

Monthly Income For Registration: 5000.0

Monthly Income For Batch Transfer: 18000.0

Monthly Income For Payment: 115400.0

Income By	Description	Income Per Month
Registration	Income For Per Month	5000.0
Batch Transfer		18000.0
Payment		115400.0
Total Of Income		138400.0

Yearly collection

IJSE
Institute of java and software Engineering
223A 1/2, Colombo - Galle Main Road,
Panadura
071 120 2202

Yearly Collection

Yearly Income For Registration: 5000.0

Yearly Income For Batch Transfer: 18000.0

Yearly Income For Payment: 115400.0

Income By	Description	Income Per Month
Registration	Yearly Income	5000.0
Batch Transfer		18000.0
Payment		115400.0
Total Of Income		138400.0

Pending payment report

The screenshot displays the IJSE Student Payment System interface. The main window shows the IJSE logo and contact information: Institute of java and software Engineering, 223A 1/2, Colombo - Galle Main Road, Panadura, 071 120 2202. Below this, the title "Pendin Payment List" is centered. A table lists the pending payment details for student S001. The table has six columns: STUDENT_ID, STUDENT_NAME, COURSE_NAME, BATCH_NAME, FULL_AMOUNT, and BALANCE. The data row shows S001, KMLG Amila wasantha, CMJD Diploma level, CMJD diploma level 2, 100000.0, and 50000.0. The date "September 05, 2018" is displayed at the bottom left of the report area. The page number "Page 1 of 1" is at the bottom center. The interface includes a "Payments" button on the right and a Windows taskbar at the bottom.

IJSE
Student Payment System

IJSE
Institute of java and software Engineering
223A 1/2, Colombo - Galle Main Road,
Panadura
071 120 2202

Pendin Payment List

STUDENT_ID	STUDENT_NAME	COURSE_NAME	BATCH_NAME	FULL_AMOUNT	BALANCE
S001	KMLG Amila wasantha	CMJD Diploma level	CMJD diploma level 2	100000.0	50000.0

September 05, 2018

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Payments

8:57 PM