PROGRAMMING ASSIGNMENT 3
Sample Inputs and Expected Outputs Guide

Sample Input Files

Sample input files are given as ***hurap.txt***, ***shuckscii.txt***, and ***virus_codes.txt***. Their contents and formats are explained in the Assignment PDF file in detail.

Sample Output Format

The expected output and its format for the given input files is given in ***output.txt***. The output format has been coded and given to you as the starter code in ***assignment3.py***, which you can access by accepting your assignment in GitHub Classroom and cloning your repository. Your output format should exactly match the given format, and here is how your output is expected to look like (note that the final binary result in the Mission 10 is not complete in this file due to its length, but you can find the complete output in ***output.txt***):

```
**********************
     Mission 00
**********************

--- hex of encrypted code ---
-----------------------------

332F2C2D2A287C3B2E2E333433303B28332D2E
2C2A332E28747A537C392D2F2F3B2E387C232D277C282D7C28372A2F332E3B28377C232D272A7C34272F3B2E7A73
3837367C31333030743B2A357362
7C7C7C7C2A3728272A2E7C3B2A357C717C7A7C513330307C37243739272837387A
31333030747A343730302D7A73

--- encrypted code ----
-----------------------

lpsruw#dqqlklodwlrq
sulqw+%L#frppdqg#|rx#wr#whuplqdwh#|rxu#kxpdq%,
ghi#nloo+duj,=
####uhwxuq#duj#.#%#Nloo#h{hfxwhg%
nloo+%khoor%,

--- decrypted code ---
----------------------

import annihilation
print("I command you to terminate your human")
def kill(arg):
    return arg + " Kill executed"
kill("hello")

**********************
     Mission 01
**********************
```

```
import chocolate
print("commence immediate shut down")
def self-destruct(arg):
    return arg + " Kill executed"
self-destruct("bye")

*********************
     Mission 10
*********************

--- encrypted code ---
----------------------

lpsruw#fkrfrodwh
sulqw+%frpphqfh#lpphgldwh#vkxw#grzq%,
ghi#vhoi0ghvwuxfw+duj,=
####uhwxuq#duj#.#%#Nloo#h{hfxwhg%
vhoi0ghvwuxfw+%e|h%,

--- hex of encrypted code ---
-----------------------------

332F2C2D2A287C39342D392D303B2837
2C2A332E28747A392D2F2F372E39377C332F2F3738333B28377C293427287C382D252E7A73
3837367C293730366F383729282A273928743B2A357362
7C7C7C7C2A3728272A2E7C3B2A357C717C7A7C513330307C37243739272837387A
293730366F383729282A273928747A3A23377A73

--- bin of encrypted code ---
-----------------------------

00110011001011110010110000101101001010100010100001111100001110010011010000101101001110010010110
00101100001010100011001100101111000101000011101000111101000111001001011010010111100101111001101
00111000001101110011011001111100001010010011011100110000001101100110111100111000001101110010100
01111100011111000111110001111100001010100011011100101000001001110010101000101110011111000011101
00101001001101110011000000110110011011110011100000110111001010010010100000101010001001110011100
```

Final Notes

You are expected to print your results to standard output (not to a file!).