CSE341: Microprocessors
Department of Computer Science and Engineering

Assignment 02 (Lab 03)

Task 01

Take two numbers as input, divide them, print the message "The result is" and then display the result in the next line.

Sample Execution
The result is
(Your answer)
(1st input)
(2nd input)

Task 02

Take an lowercase letter as input from the user (omit error checking, so you do not have to write code for checking whether the user is inputting upper case or lower case), and display it at the next position on the next line in upper case.

Sample Execution 1:
a
 A

Sample Execution 2:
x
 X

Task 03

Write a program to: (a) **prompt the user**, (b) **read first initial, then the middle, and then the last initial of a person's name**, and then (c) **display them down the left margin in reverse order.**

Sample execution:
```
Enter First Initial: S
Enter Second Initial: F
Enter Third Initial: L

L
F
S
```

Task 04

Write a program to read two hex digits A-F, subtract first one from the second, and display the result on the next line in decimal.

Sample execution:
```
ENTER FIRST HEX DIGIT: A
ENTER SECOND HEX DIGIT: C
IN DECIMAL DIFFERENCE IS 2
```