



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 **remainder is**” and then display the remainder in the next line.

Sample Execution

1 (1st input)
2 (2nd input)
The remainder is
1

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: b

B

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 as First initial, then Third initial and finally the Second initial..**

Sample execution:

Enter First Initial: S Enter
Second Initial: F Enter
Third Initial: L

S
L
F

Task 04

Write a program to read one of the hex digits A-F, and display it on the next line in decimal.

Sample execution:

ENTER A HEX DIGIT: F
IN DECIMAL IT IS 15