



Inspiring Excellence

CSE341: Microprocessors

Department of Computer Science and Engineering

Assignment 02 (Lab 03) Lab

Task 01

Take a number as input, multiply it once to itself, print the message “The **result is**” and then display the result in the next line.

Sample Execution

2

The result is

4

Task 02

Take a 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 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 one of the hex digits A-F, and display it on the next line in decimal.

Sample execution: ENTER
A HEX DIGIT: C
IN DECIMAL IT IS 12