



**CSE341: Microprocessors**  
**Department of Computer Science and Engineering**

**Assignment 02 (Lab 03)**  
**Lab Section 03**

**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
```