

**CSE341: Microprocessors**

**Department of Computer Science and Engineering**

**Assignment 02 (Lab 03)**

**Task 01**

**Prompt** the user to give a single input followed by a **newline**. The prompt should be “Enter a number”. Then display the **one less value** of the input as output.

**Sample Execution:**

Enter a number

2

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 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**.

**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