

# **CSE331L: Microprocessor Interfacing and Embedded Systems**

## **Assignment #1**

**Deadline: April 16, 2020**

Practice problem: 1, 2, 3

Lab Manual #3: Task # 1 (using loop), 2

Lab Manual #4: Task # 2, 3, 4

1. Write a program to read data using CL register and check whether it's positive or negative.
2. Write a program to find 23<sup>rd</sup> Fibonacci number. [By implementing Fibonacci formula]
3. Write a program to find the minimum and maximum element in an array. [Create an array of 10 elements]
4. Write a program to output the following pattern – [Using loop]

```
*  
**  
***  
****  
*****
```