

**EL2003**

**-**

**Computer**

**Organization**

**and**

**Assembly**

**Language**

**-**

**Lab**

**Lab Instructor: Abdul Qadeer Bilal**

**Section: BCS 3A, 3B, 3C**

**Semester: Fall 2022**

**Lab: 12**

**Roll Number:\_\_\_\_\_\_\_\_\_\_\_ Section:\_\_\_\_\_\_\_\_\_\_**

**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Note: Program all Questions on AFD and Put code + Screenshot in the Word File till end of Lab.**

1. Write a code for scroll up behavior of the screen. This will require an input of how many numbers of lines being needed to be scrolled up as a parameter and then you will use Movs to scroll up
2. Write a code for scroll down behavior of the screen. This will require an input of how many numbers of lines being needed to be scrolled up as a parameter and then you will use Movs to scroll down
3. String1 “Coal Lab”

String2 “Coal Lab”

String3 “PF Lab”

1. Find lengths of all three strings.
2. Find which of the following strings are equal
3. Find “Coal” in stirng1, “Lab” in string2 and “PF” in string3

You will CMPS statements for these tasks.

**Best of Luck**