Dhaka University of Engineering & Technology (DUET), Gazipur

Department of Computer Science and Engineering (CSE)

Course Title: Microprocessor and Interfacing Sessional (CSE 3812)

Lab # 03

*Understanding 8086 **Condition Control** using Assembly Language.*

Tasks to do:

1. Write an assembly language program to display the entire IBM character set.

2. Suppose AX and BX contain signed numbers, Write an assembly language program to put the biggest number in CX.

3. Write an assembly language program to find biggest number among three numbers.

4. Write an assembly language program to find whether a given number is zero or not.

5. Write an assembly language program that inputs a single letter and shows the next 5 (five) letters in opposite case of input (Lower-case to Upper-case or vice-versa) in a row of a new line and also shows the previous 5 (five) letters in the next line in opposite case of input (Lower-case to Upper-case or vice-versa).

    Sample Input / Output:

Input:	c	Input:	Z
Output:	DEFGH	Output:	abcde
	BAZYX		yxwvu