Quiz 1 ***(CSE331L.7 – Asif Ahmed Neloy\_Summer’20)***

Department of Electrical and Computer Engineering

School of Engineering and Physical Sciences

North South University, Bashundhara, Dhaka-1229, Bangladesh

*Time 20 minutes, Marks 20 (You need to answer all questions).*

***Name -Maliha Mamtaz***

***ID -1621418042***

1. **Why it is never a good idea to store any data in the segment registers?[5]**

**Though it is possible to store any data in the segment register but this is not a good idea.There are 4 segment registers, and each segment register has a very special purpose to do.For storing a data to the segment register we have to load the data into a general purpose register first.And then we have to move it from this general register to the segment register.So,thi is not the good idea to store data there.**

1. **Write a program in Assembly language that will add 4 integer number (1,2,2,1) using only AX register and Store the result in the AX register.**

**; You may customize this and other start-up templates;**

**; The location of this template is c:\emu8086\inc\0\_com\_template.txt**

**org 100h**

**mov ax,1**

**add ax,2**

**add ax,2**

**add ax,1**

**ret**

**End**