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

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

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

**Ans:**

The purpose of segment register is to pointing accessible blocks of memory. That means it helps to indicate the memory for data. That’s why storing any data in the segment registers is not a good idea.

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.**

**ANS:**

; 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, 01

MOV AX, 02

MOV AX, 02

MOV AX, 01

ADD AX,AX,AX,AX;AX=AX+AX+AX+AX

ret

**End**