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]**

**Because segment registers have a special purpose pointing at accessible blocks of memory.**

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.**

**org 100h**

**MOV AX, 01 {only AX register}**

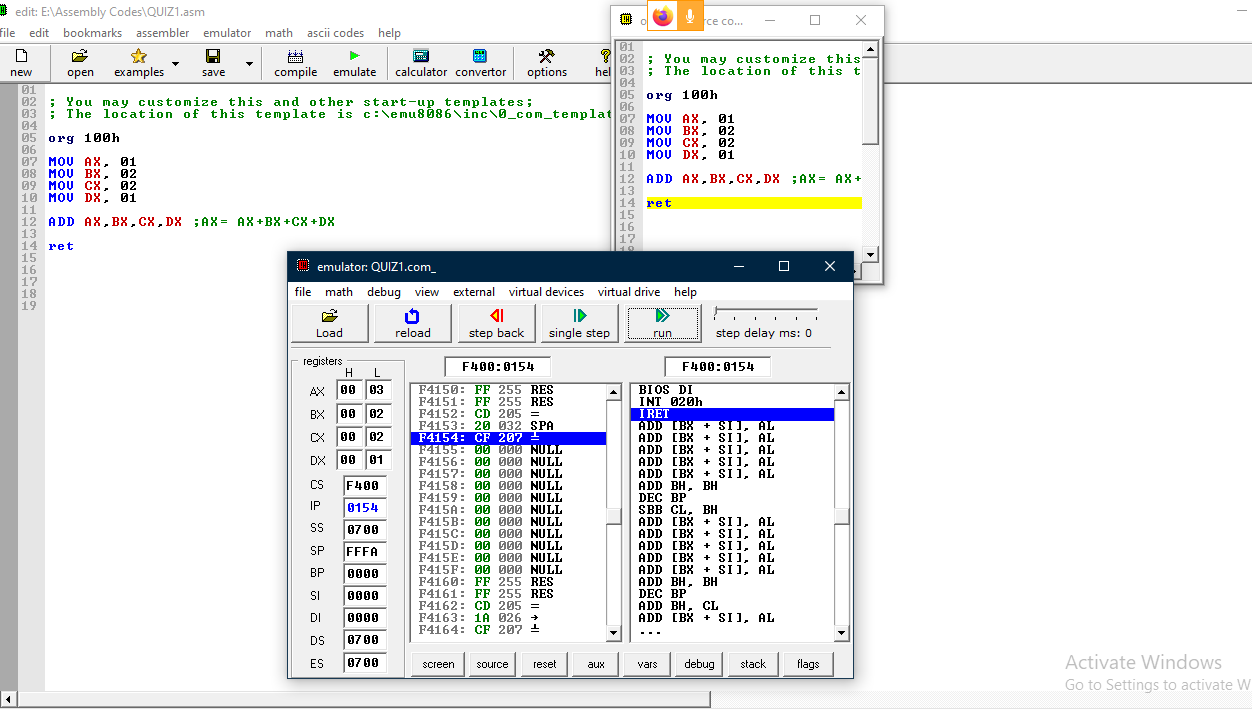
**MOV BX, 02**

**MOV CX, 02**

**MOV DX, 01**

**ADD AX,BX,CX,DX ;AX= AX+BX+CX+DX**

**ret**

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**End**