Sri Lanka Institute of Information Technology

Lab Submission
<Worksheet No.2>

<IT24102555>

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Fundamentals of Computing | IT1140

B.Sc. (Hons) in Information Technology

Activity 1

a) Line 1: Move 80h into AL register

Line 2: Move 7Fh into BL register

Line 3: compare AL value with BL value

Line 4: Jump to EXIT label if AL register is gather than BL register

b) Yes

Activity 2

Move the value 10 into the AX register

Move the value 5 into the BX register

Compare AX value with BX value

Jump to greater than if AX value is greater than BX value.

Yes, the program will jump to the 'Greater than' label because the value in 'AX' is greater than the value in 'BX'

Activity 3

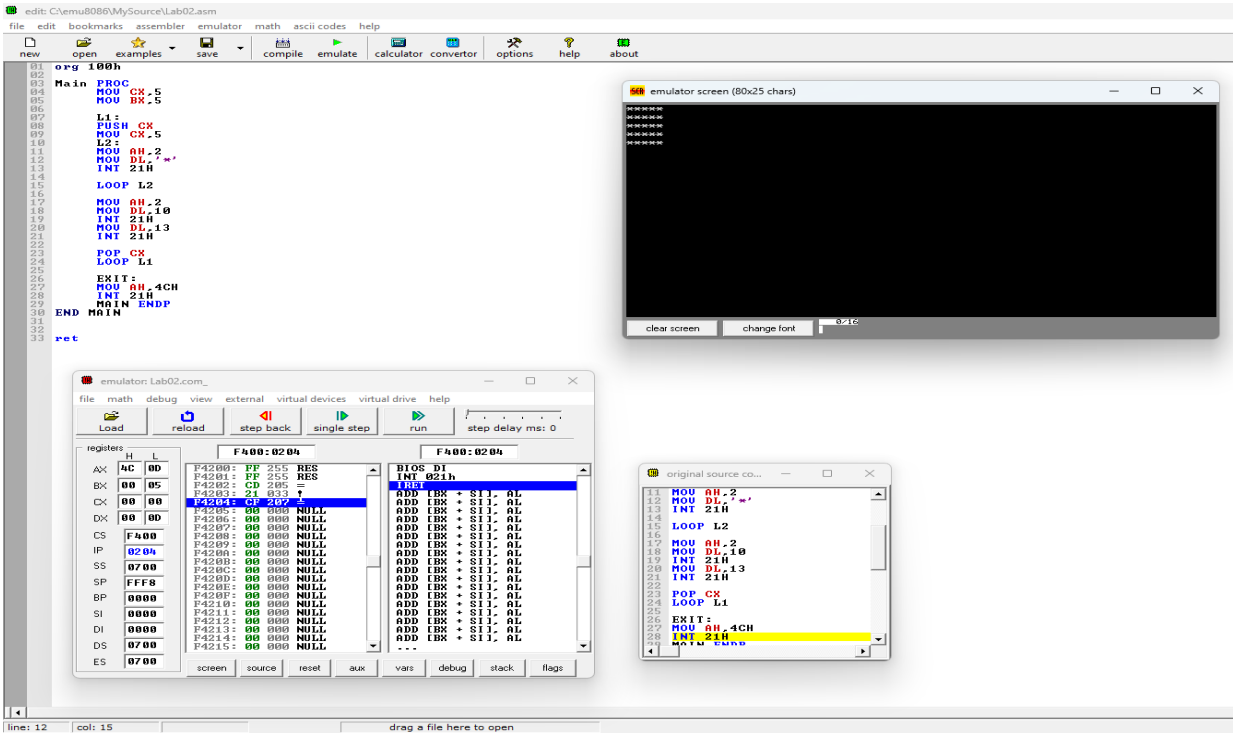
Move the value 10 into the AX register

Add 5 to the value stored in the AX.

Execution resumes at the 'Exit' label, where the subsequent code is executed.

After that jump to exit.

Activity 4



Activity 5