

Lab # 1

Task 1:

- i. Write a sequence of commands to change the current value of ES register to 0EE.
- ii. Write a sequence of commands to display the data on memory from 0100 to 80h bytes.
- iii. Write a sequence of command to
 - a. Enter string 'Hello' in memory starting at 200.
 - b. Display just the message 'Hello' that you have enter the memory in part a.
- iv. What will the following commands do?
U CS:100 1E0
- v. Which register refers to code? Just write an answer.
- vi. Which command is used to exit from debugger?

Task 2:

Write assembly instructions which should:

- Change the contents of AX to 1234
- Add 1 to the contents of AX
- Copy the value of AX to DX
- Subtract 1233 from the value of DX
- Do BH = DL
- Place 9 in AL

Task 3:

Write assembly instructions which should:

- Change the contents of AX to 4000H
- Add AX to AX
- Subtract 0FFFFH from AX
- Increment in AX
- Decrement in AX

Task 4:

Write assembly instructions that exchanges the values of AX and BX.

You can take values of your choice.