**Practical Workbook**

**Microprocessor & Assembly Language**

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**Lab # 06**

EXERCISE:

1. Perform AND Operation and mention which of the flags are affected after OR operation:
2. Value1 = 35h and Value2 = 10h  
   Affected Flags: \_\_\_ ZF PF IF
3. 1101 and 0110  
   Affected Flags: \_\_ SF IF
4. Var1 = 15 and Var2 = 18h  
   Affected Flags: IF
5. Perform OR Operation and mention which of the flags are affected after AND operation:
6. Val1 = 105h OR Val2 = 18h

Affected Flags: CF SF PF AF IF

1. 1011011 OR 101101

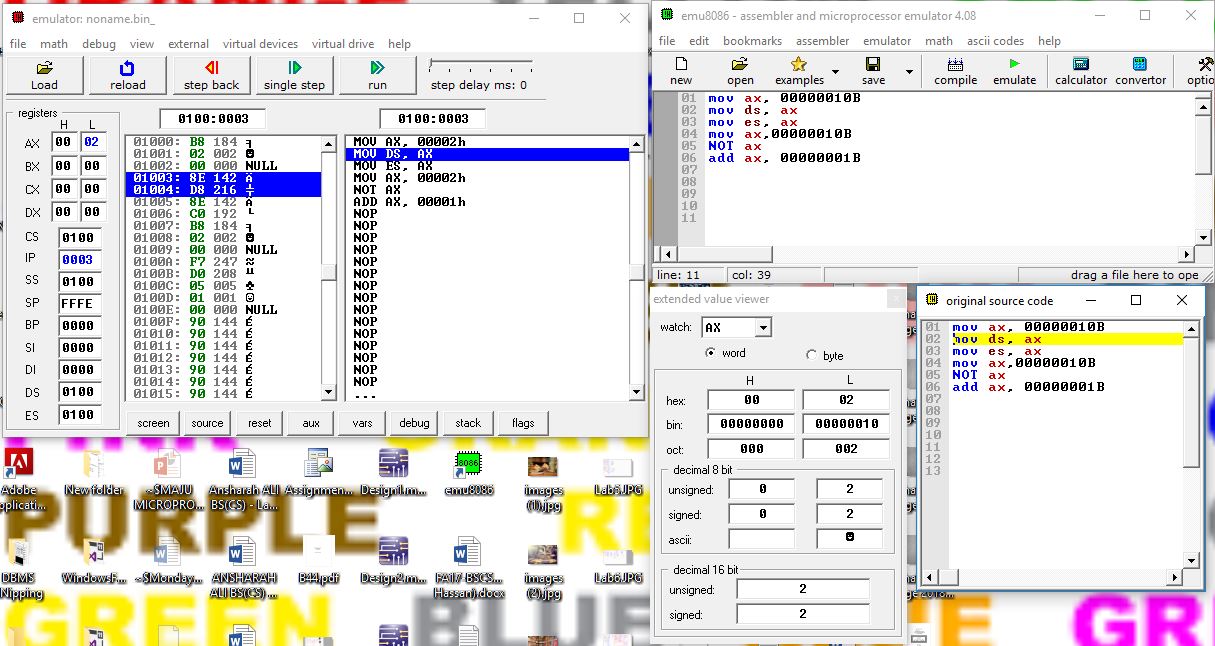
Affected Flags: IF

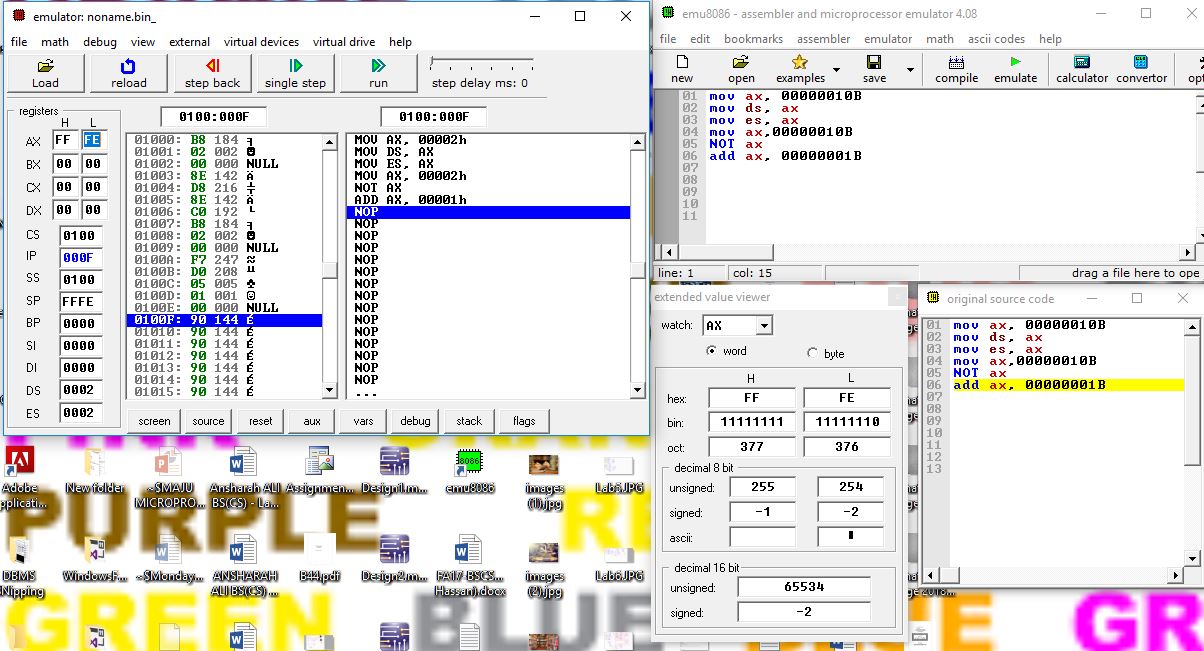
1. 20 OR 10

Affected Flags: PF IF

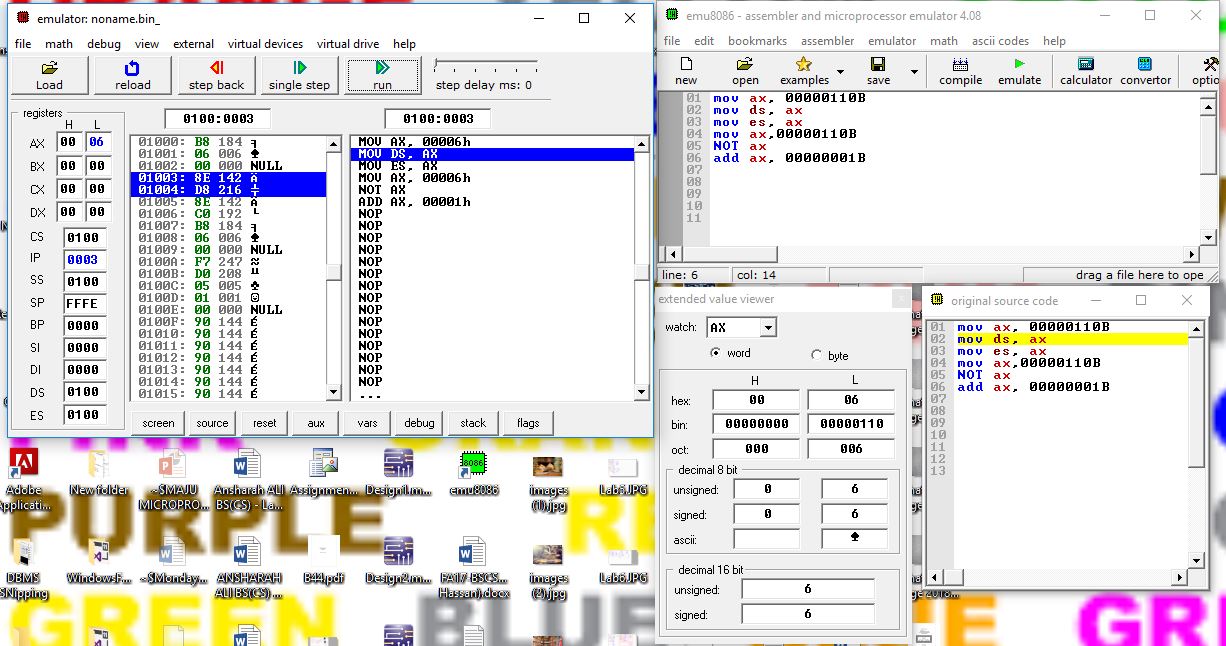
1. Write two examples of converting a number into its negative. Write complete code.

**Example 1:**

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**Example 2:**

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