Question 1)  
  
A segment contains 64K x 8 bits = 512K bits. We can number the bits in a way, lets say, that offset 0 contains the bits from 0 to 7 (bit 0 being the least significant bit and bit 7 is the most significant bit); offset 1 has bits from 8 to 15 and so on.

Write a program that finds and complements bit whose number in a segment is given. For example, lets say we want to complement bit no. 27 of the current code segment.

Your program would then complement bit no. 4 (from right) of offset 3 of the current segment.

In doing so your program should get the address of the byte in BX, and the bit position (from right) in CX.

For the above example, BX = 0003 and CX = 0004.

Make your program complement bit no. 352158.

\*Like defining a byte and a word, assembly language also gives us the freedom to declare a "dd" - double word.

label: dd 352158

# Question 2)

Write a program to find the second largest integer from the following array of signed and unsigned numbers.

myarr: dw -23,56,125.-5600,45,896,23666,15420,-32330