PRACTICAL: 2(C6)

AIM: Subtract the 16-bit number in memory locations 4002H and 4003H from the 16-bit number in memory locations 4000H and 4001H. The most significant eight bits of the two numbers are in memory locations 4001H and 4003H. Store the result in memory locations 4004H and 4005H with the most significant byte in Memory location 4005H.

CODE:

org 100h

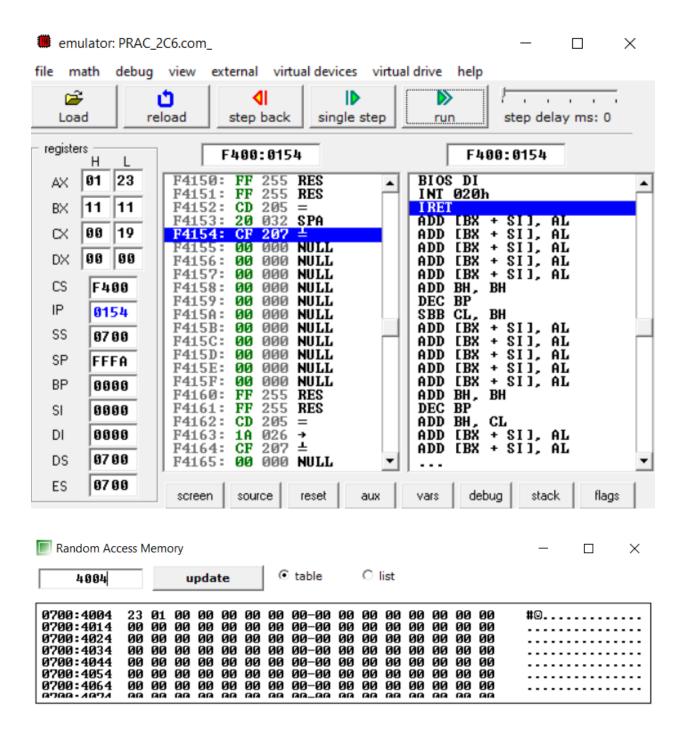
MOV [4000H], 1234H MOV [4002H], 1111H

MOV AX, [4000H] MOV BX, [4002H]

SBB AX, BX MOV [4004H], AX

ret

OUTPUT:



CONCLUSION:

We learned about SBB command and its implementation for 16-Bit Numbers.