

PRACTICAL – 16

AIM: Write a Program to subtract the contents of memory location 4001H from the memory location 4002H and place the result in memory location 4003H without SUB instruction

CODE:

ORG 100H

MOV [4000H],0AH

MOV [4001H],02H

MOV AL,[4000H]

NOT AL

ADD AL, 01H

ADD AL, [4001H]

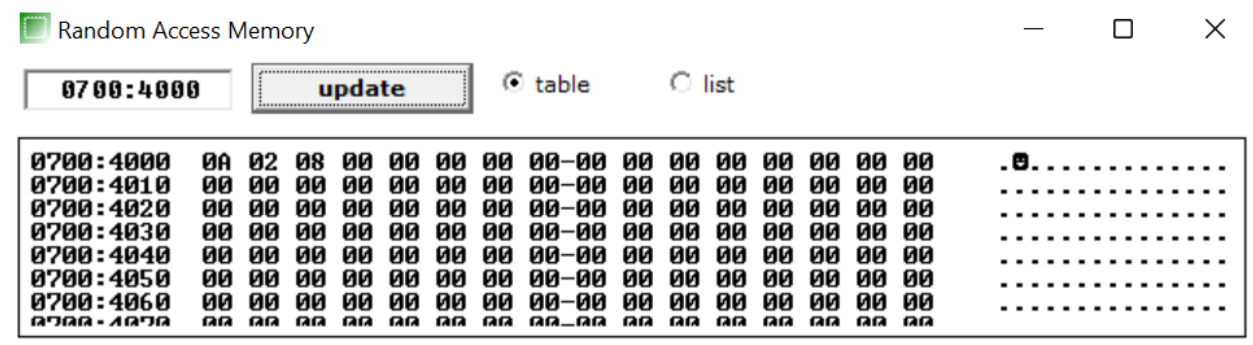
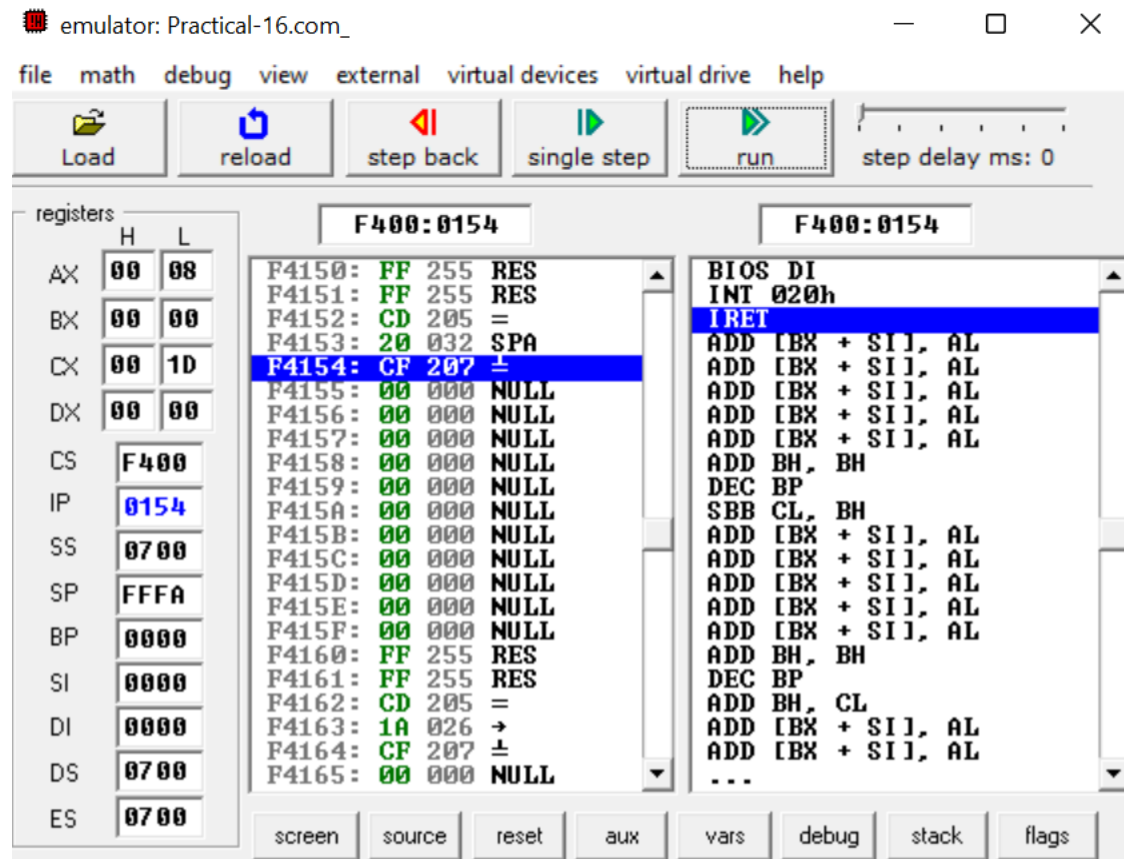
NOT AL

ADD AL, 01H

MOV [4002H],AL

RET

OUTPUT:



CONCLUSION: In this practical we learnt the concept of subtraction without using SUB instruction.