

PRACTICAL: 3(B5)

AIM: Write a program to multiply & divide the number stored at 4000H by 2 and store the result at 4001H & 4002H .(Use Shift instructions).

CODE:

org 100h

MOV [4000H], 0000110B ;149

MOV AX, [4000H]

SHL AX ,1

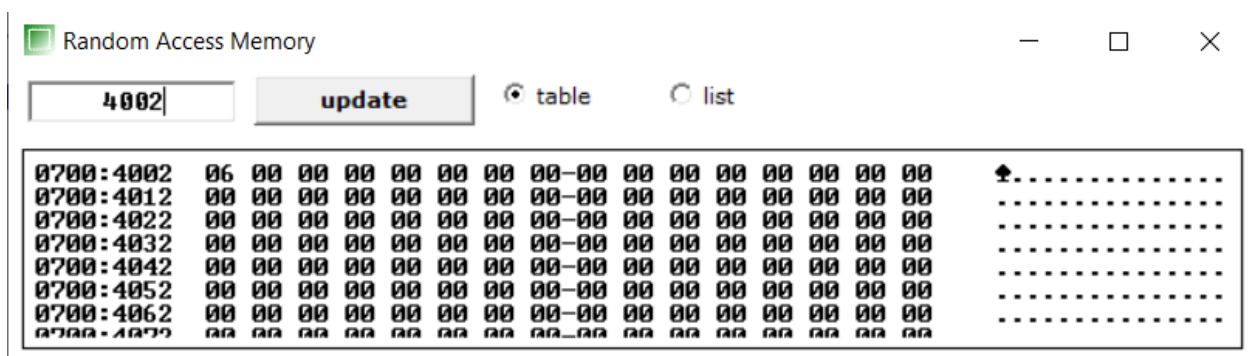
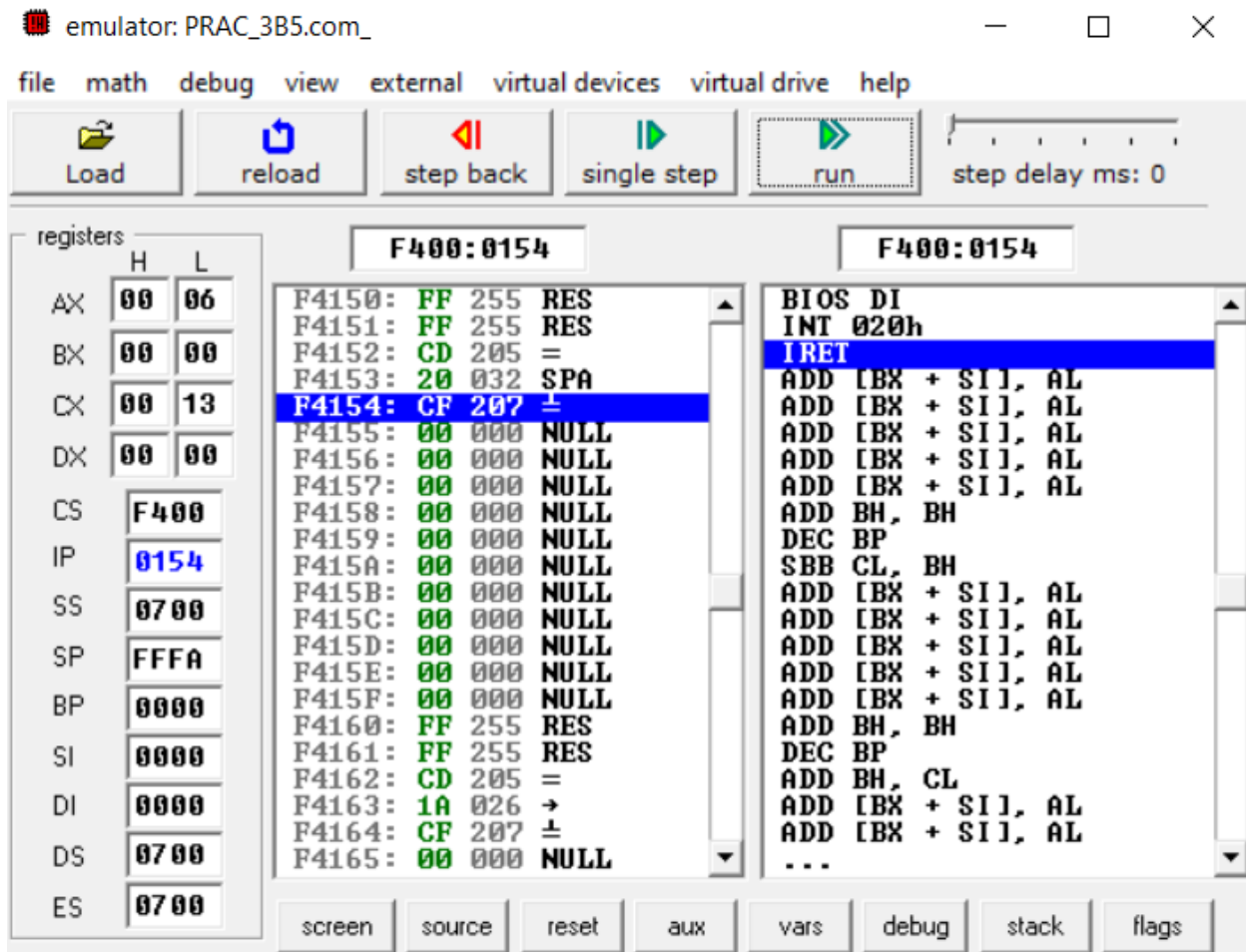
MOV [4001H], AX

SHR AX ,1

MOV [4002H], AX

ret

OUTPUT:



CONCLUSION:

We learned about SHL and SHR commands and its implementation.