

PRACTICAL – 15

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], 0AH

MOV AL, [4000H]

SHL AL, 1

MOV [4001H], AL

MOV AL, [4000H]

SHR AL, 1

MOV [4002H], AL

ret

OUTPUT:

CONCLUSION: In this practical we learnt the concept of multiply & divide the number.