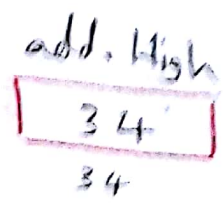
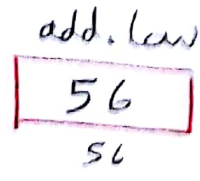
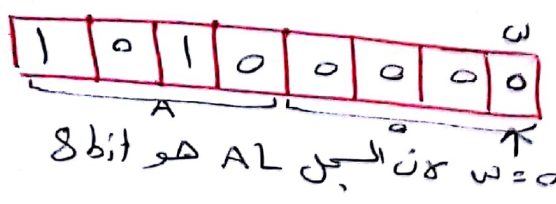


(6)

ex) Mov AL, [3456h]

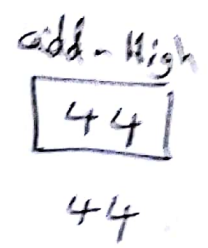
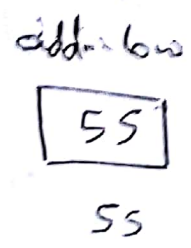
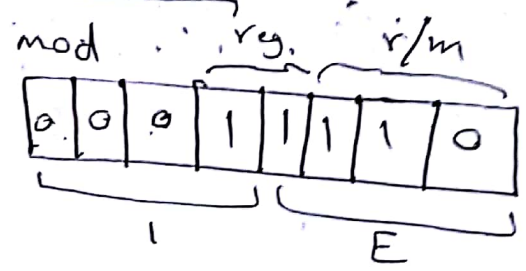
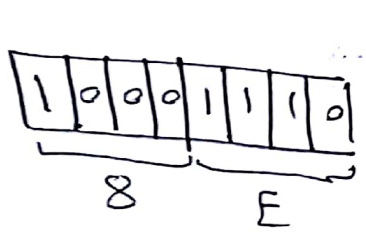
Sol.)



∴ Code → A0 56 h 34 h

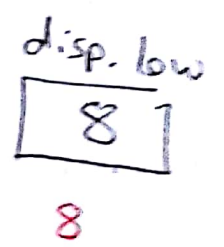
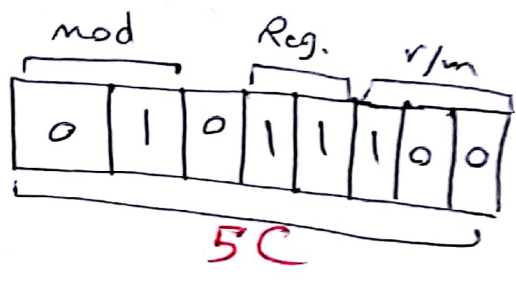
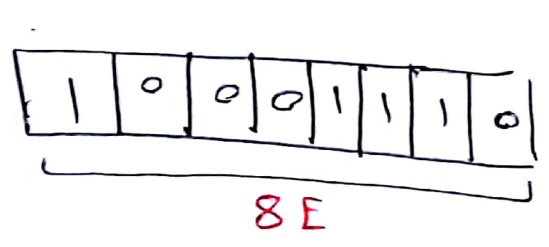
ex) Translate this instruction to machine code

Mov DS, [44 55h]



∴ Code = 8E 1E 55 44 h

ex) Mov DS, [Si+8]



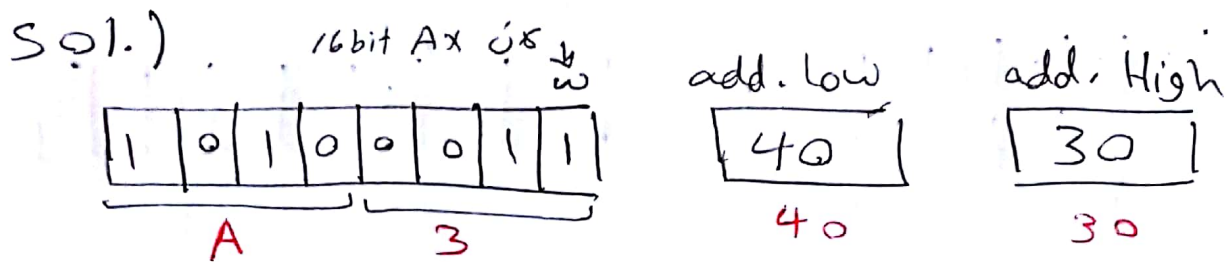
∴ Code = 8E 5C 8

(7)

ex/ Translate this instruction to machine code :-

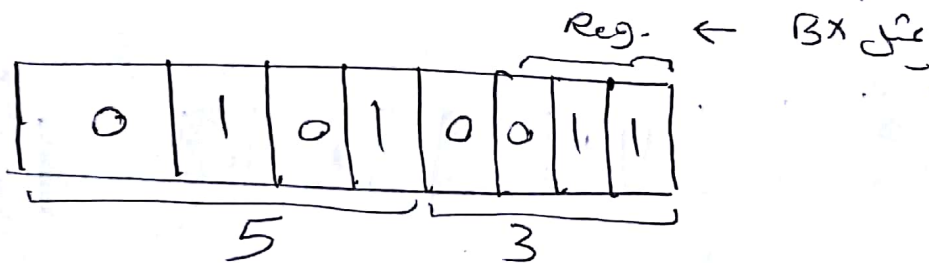
MOV [3040h], AX

Accumulator to Mem. ← *هنا الـ AX يعل*



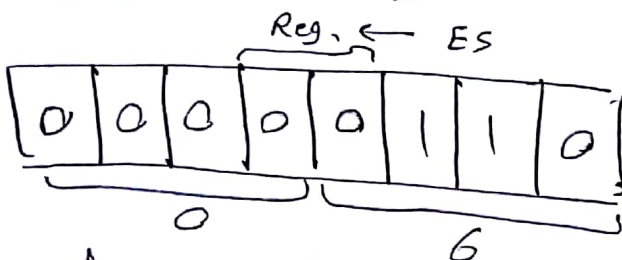
∴ Code = A3 40 30

ex/ PUSH BX



∴ Code = 53 h

ex/ PUSH ES

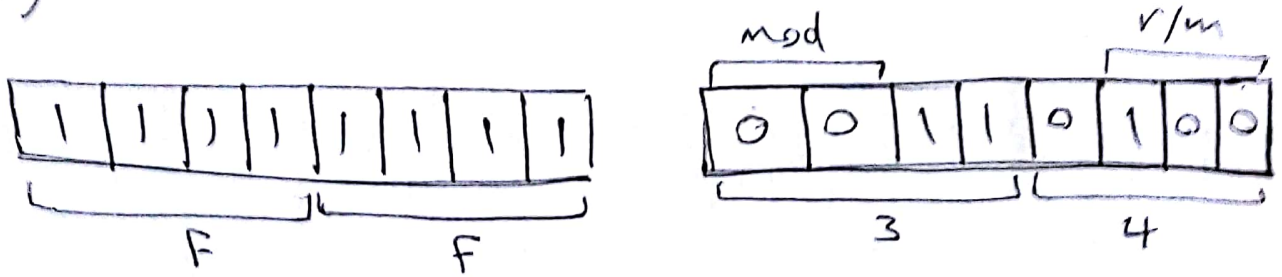


∴ Code = 06

ex) Translate this instruction to machine code: ⁽⁸⁾

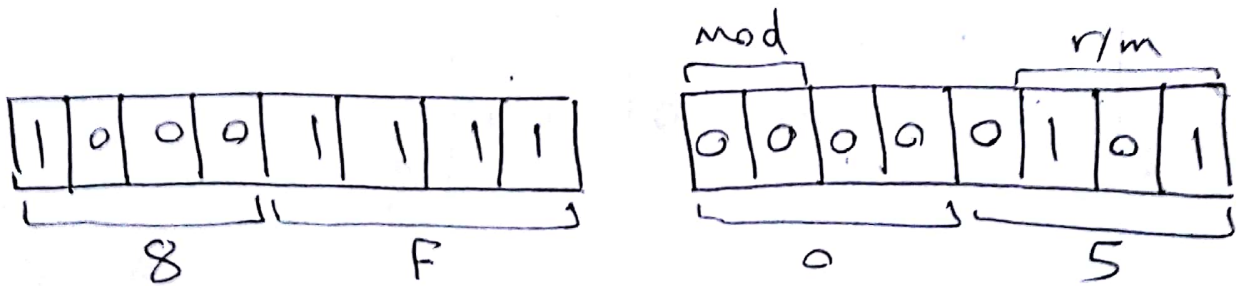
PUSH [SI]

sol.)



∴ Code = FF34

ex) POP [DI]



∴ Code = 8F05

(9)

ex) Translate this instructions to machine code:

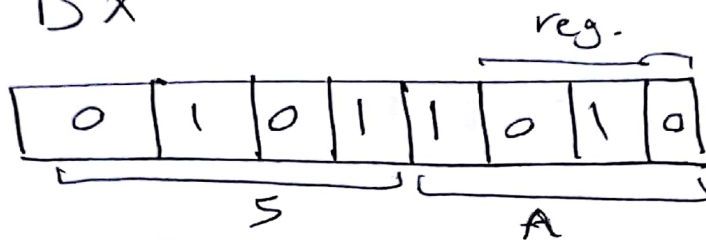
① pop DX

② push [1234h]

③ pop [BX]

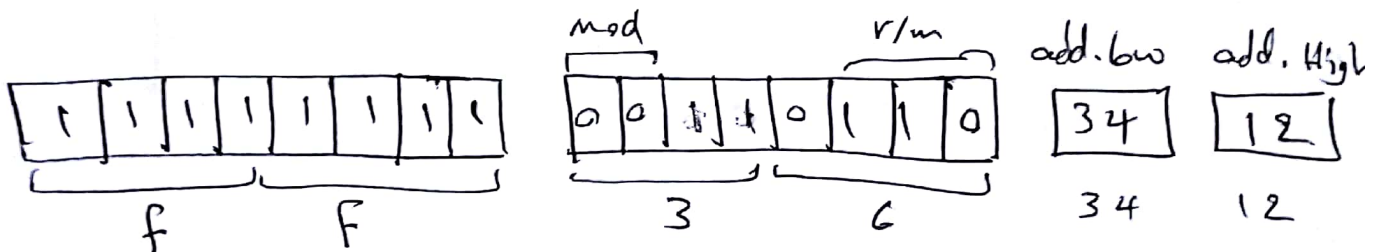
Sol.)

① pop DX



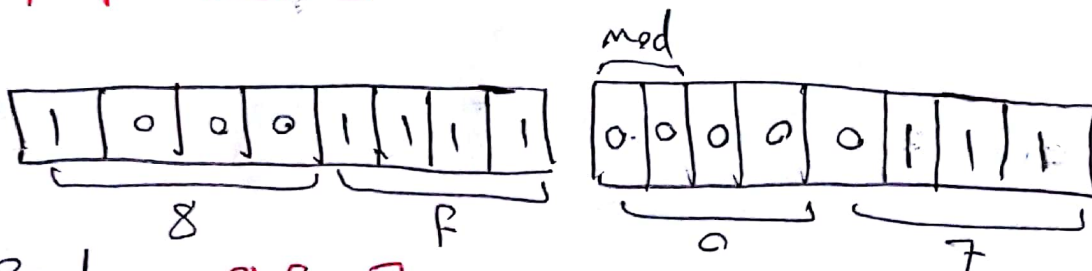
∴ Code = 5A

② push [1234h]



∴ Code = FF363412

③ pop [BX]



Code = 8F07