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The interrupt vector for the instruction INT 40H is stored at which memory location?

$0FFF0H + 40H$

~~Processor defined~~

$\Rightarrow 0FFF0H + 4H$

~~$\Rightarrow 00030H$~~

What type of JMP is used when jumping to any location within the current code segment?

3 } Near jump

Write a near procedure which performs an equivalent function of the following for loop (use 8086 instructions only)

For AX = 0 to 12
DX = DX + BX

~~Original Code:~~

```
again: mov     CX, 13
       add     mov     add
       again: mov     AX, DX
       add     BX
       loop   again
       mov     DX, AX
       add
       Addition End P
```

Near Procedure:

```
mov     AX, 12
again:  mov     A
       add     DX, BX
       dec     AX
       jnz
       sub     AX, 1
       jnz    again
       addition end P
```

include