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Education ★★★★★

8086 MICROPROCESSOR
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Sem IV – Electronics
Mumbai 2018

Q 10) WAP to find the number of –ve numbers in a series of 10 numbers from 20,000H. Store the result immediately after the series.

```
Code   SEGMENT
       ASSUME CS: Code
       MOV   AX, 2000H
       MOV   DS, AX
       MOV   SI, 0000H
       MOV   CX, 000AH
       MOV   AH, 00H
Back:  MOV   AL, [SI]
       RCL   AL, 01H
       JNC   Skip
       INC   AH
Skip:  INC   SI
       LOOP  Back
       MOV   [SI], AH
       INT3
Code ENDS
       END              ☺ For doubts contact Bharat Sir on 98204 08217
```

Q 11) WAP to SORT a series of 10 numbers from 20,000H in ascending order.

```
Code   SEGMENT
       ASSUME CS: Code
       MOV   AX, 2000H
       MOV   DS, AX
       MOV   CH, 09H
Bck2:  MOV   SI, 0000H
       MOV   CL, 09H
Bck1:  MOV   AX, [SI]
       CMP   AH, AL
       JNC   Skip
       XCHG  AL, AH
       MOV   [SI], AX
Skip:  INC   SI
       DEC   CL
       JNZ   Bck1
       DEC   CH
       JNZ   Bck2
       INT3
Code ENDS
       END
```