

BHARAT ACHARYA EDUCATION

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 $Q\,3)$ WAP to add a series of 10 bytes stored in the memory from locations 20,000H to 20,009H. Store the result immediately after the series.

```
Code
      SEGMENT
      ASSUME CS: Code
      MOV
            AX, 2000H
            DS, AX
      MOV
      MOV
            SI, 0000H
      MOV
            CX, OOOAH
            AX, 0000H
      MOV
Back: ADD
            AL, [SI]
      JNC
            Skip
      INC
            AΗ
Skip: INC
            SI
      LOOP
           Back
      MOV
            [SI], AX
      INT3
Code ENDS
      END
```

 ${f Q}$ 4) WAP to transfer a block of 10 bytes from location 20,000H to 30,000H.

```
Code SEGMENT
      ASSUME CS: Code
            AX, 2000H
      MOV
            DS, AX
      MOV
            AX, 3000H
      VOM
      MOV
            ES, AX
      MOV
            SI, 0000H
            DI, 0000H
      MOV
      MOV
            CX, 000AH
      CLD
REP
      MOVSB
      INT3
Code ENDS
      END
```