



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
    MOV     DS, AX

    MOV     SI, 0000H
    MOV     CX, 000AH
    MOV     AX, 0000H
Back: ADD    AL, [SI]
    JNC     Skip
    INC     AH
Skip: INC    SI
    LOOP    Back
    MOV     [SI], AX

    INT3

Code ENDS

    END
```

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

```
Code SEGMENT

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

Code ENDS

    END
```