

## **PROGRAM**

.MODEL SMALL

.STACK 100H

DISP MACRO MSG

    LEA DX,MSG

    MOV AH,09H

    INT 21H

ENDM

.DATA

    MSG1 DB 0DH,0AH,"ENTER FIRST NUMBER:\$"

    MSG2 DB 0DH,0AH,"ENTER SECOND NUMBER:\$"

    MSG3 DB 0DH,0AH,"RESULT IS:\$"

.CODE

    START:

        MOV AX,@DATA

        MOV DS,AX

        DISP MSG1

        MOV AH,01H

        INT 21H

        SUB AL,30H

        MOV CL,AL

        DISP MSG2

        MOV AH,01H

        INT 21H

        SUB AL,30H

        MUL AL,CL

        DISP MSG3

        MOV AH,00H

        MOV CL,0AH

        DIV CL

        MOV CH,AH

        ADD AL,30H

        MOV DL,AL

        MOV AH,02H

```
    INT 21H
    ADD CH,30H
    MOV DL,CH
    MOV AH,02H
    INT 21H
    MOV AH,4CH
    INT 21H
END START
```

### **OUTPUT**

ENTER FIRST NUMBER: 9

ENTER SECOND NUMBER: 8

RESULT IS: 72