

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,"SUM IS:\$"

.CODE

 START:

 MOV AX,@DATA

 MOV DS,AX

 DISP MSG1

 MOV CL,0AH

 MOV AH,01H

 INT 21H

 SUB AL,30H

 MUL CL

 MOV BL,AL

 MOV AH,01H

 INT 21H

 SUB AL,30H

 ADD AL,BL

 MOV BL,AL

 DISP MSG2

 MOV AH,01H

 INT 21H

 SUB AL,30H

 MUL CL

 MOV DL,AL

```
MOV AH,01H
INT 21H
SUB AL,30H
ADD AL,DL
ADD AL,BL
DISP MSG3
MOV AH,00H
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: 50
ENTER SECOND NUMBER: 5
SUM IS: 55