**Q. Program to find factorial of given number.**

**CODE :**

DATA SEGMENT

NO1 DB 04H

M1 DB 10, 13, 'RESULT IS: $'

RES DB ?

DATA ENDS

CODE SEGMENT

ASSUME CS: CODE; DS: DATA

START:

MOV AX, DATA

MOV DS, AX

MOV AH, 09H

LEA DX, M1

INT 21H

MOV AL, 01H

MOV CL, NO1

MOV CH, 00H

X1:

MUL CL

LOOP X1

MOV RES, AL

MOV BL, RES

AND BL, 0F0H

MOV CL, 04H

ROR BL, CL

ADD BL, 30H

MOV DL, BL

MOV AH, 02H

INT 21H

MOV BL, RES

AND BL, 0FH

ADD BL, 30H

MOV DL, BL

MOV AH, 02H

INT 21H

MOV AH, 02H

MOV DL, 'H'

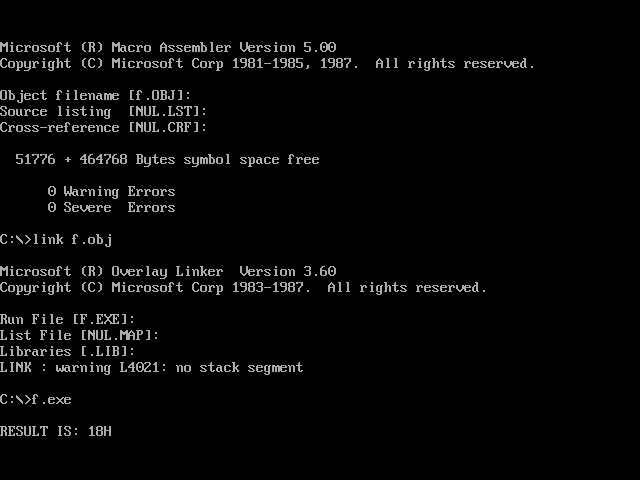
INT 21H

MOV AH, 4CH

CODE ENDS

END START

**OUTPUT :**

****