**Factorial:-**

MVI A, 05

MOV C, A

MOV E, A

LOOP1: DCR E

JZ END

MOV D, E

MVI H, 00

MVI L, 00

LOOP2: DAD B

DCR D

JNZ LOOP2

MOV B, H

MOV C, L

mov a,c

sta 0000

JMP LOOP1

END: HLT

HLT

**INPUT & OUTPUT**



