

## EXPERIMENT 12: FACTORIAL OF N IN GIVEN NUMBER

LXI H,8000

MOV B,M

MVI D,01

FACT: CALL MUL

DCR B

JNZ FACT

INX H

MOV M,D

HLT

MUL: MOV E, B

XRA A

ML: ADD D

DCR E

JNZ ML

MOV D,A

RET