***12.FACTORIAL OF A NUMBER***

LXI H,2500H

MOV B,M

MVI D,01H

LOOP1: CALL FACT

DCR B

JNZ LOOP1

INX H

MOV M,D

HLT

FACT: MOV C,B

MVI A,00

LOOP2: ADD D

DCR C

JNZ LOOP2

MOV D,A

      RET

