

4. find nth power of a number. LXI H, 2050H

MOV B,M

INX H

MOV C,M

MVI D,01H

BACK: CALL MULT

DCR C

JNZ BACK

INX H

MOV M,D

HLT

MULT: MOV E,B

MVI A,00H

LOOP: ADD D

DCR E

JNZ LOOP

MOV D,A

RET

