**8 BIT MULTIPLICATION**

MVI D,00

MVI A,00

LXI H,4150

MOV B.,M

INX H

MOV C,M

LOOP: ADD B

JNC NEXT

INR D

NEXT: DCR C

JNZ LOOP

STA 4152

MOV A,D

STA 4153

HLT

**Output:**

