Write an assembly language program to find the given 8-bit number is Odd or Even using 8085 processor.

Input : 2050 - 4

Output : 2051 - 22

PROGRAM:

LDA 2050

ANI 01

JZ LOOP1

MVI A,11

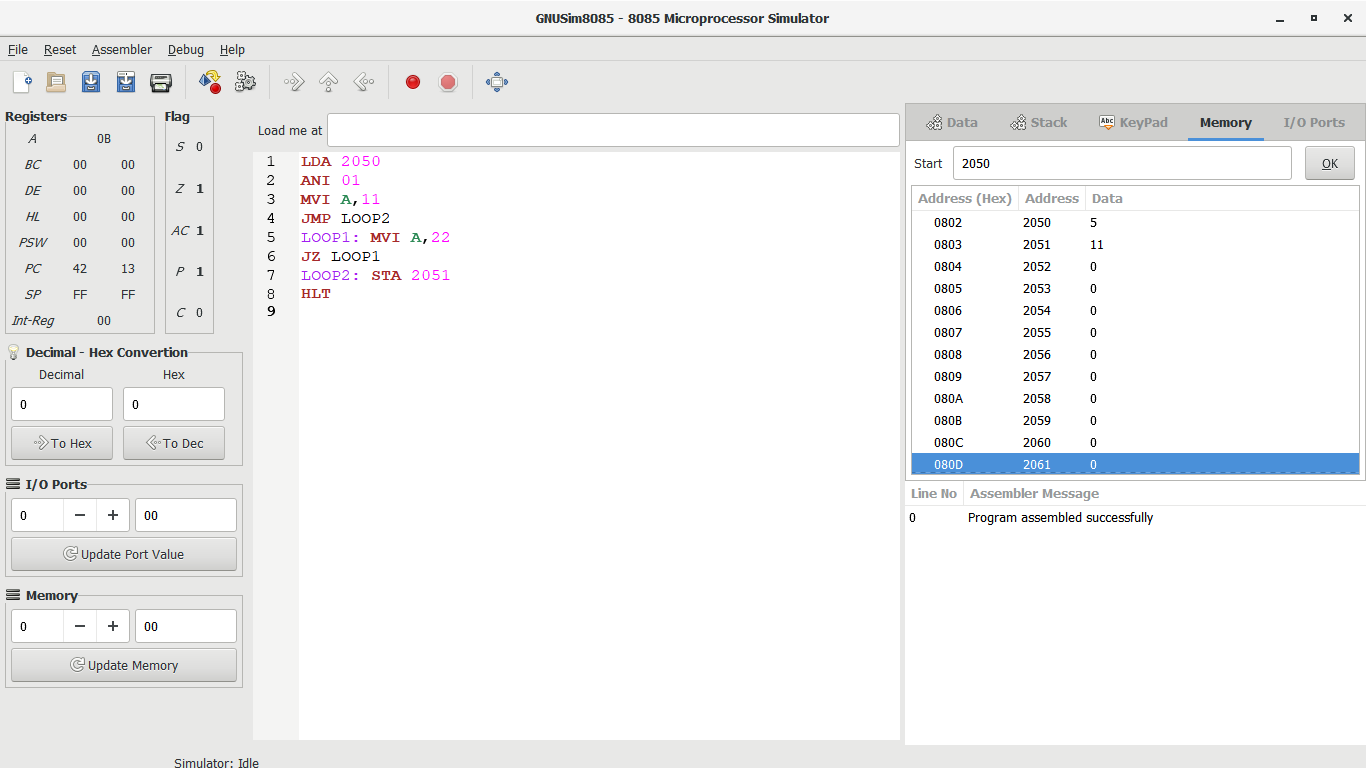
JMP LOOP2

LOOP1: MVI A,22

LOOP2: STA 2051

HLT

INPUT/OUTPUT:



RESULT: Thus the program was executed successfully using 8085 processor simulator.