LOGICAL OPERATIONS

EXP NO	D: 20
	npute various logical operations 2085 processor.
ALGOR	ITHM:
1)	Load data to accumulator.
2)	Load another data in register
3) ORA, X	Perform logical operations like AND, OR and XOR (Use ANA, RA) with the accumulator content.
4)	Store the result in specified memory location.

PROGRAM:

OPERATION:

MVI

A,06

MVI B,04

ANA B

STA 2500

HLT

OR OPERATION:

MVI

A,07

MVI

B,06

ORA

В

STA 2000

HLT

XOR OPERATION:

MVI

A,03

MVI B,08

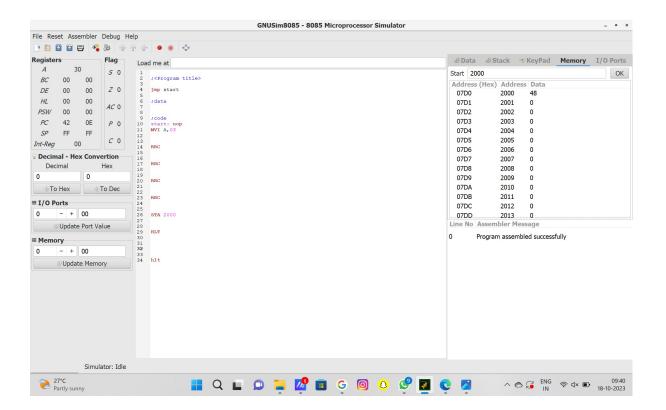
XRA B

STA 2000

 HLT

INPUT:

OUTPUT:



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