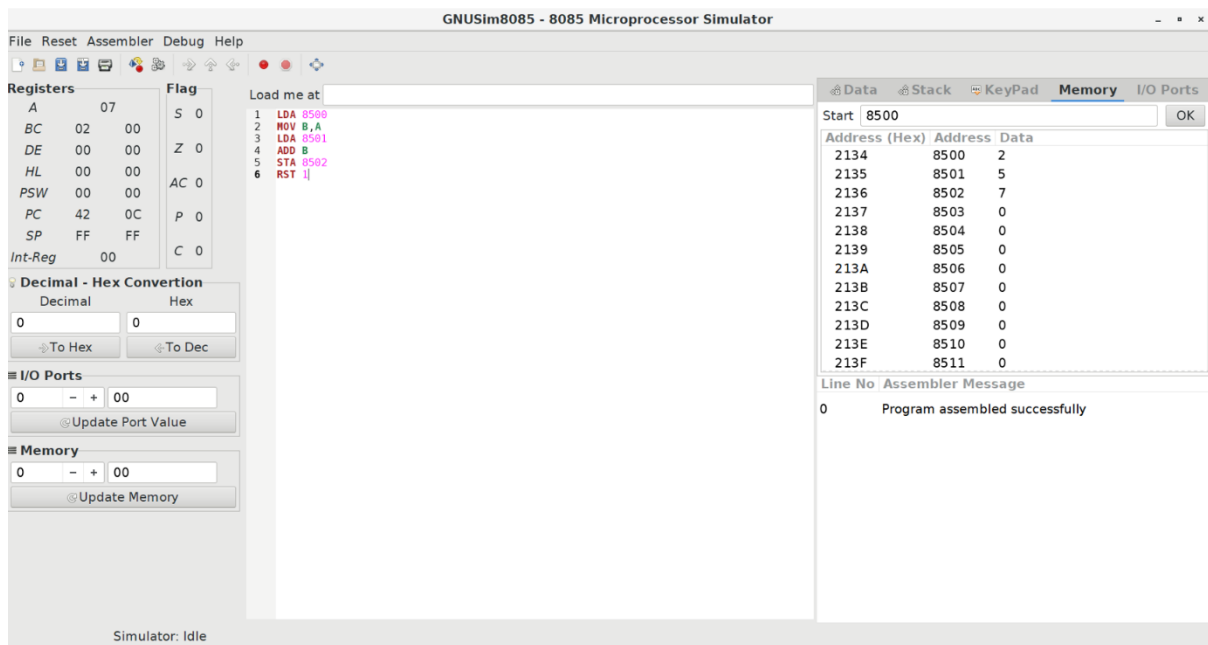
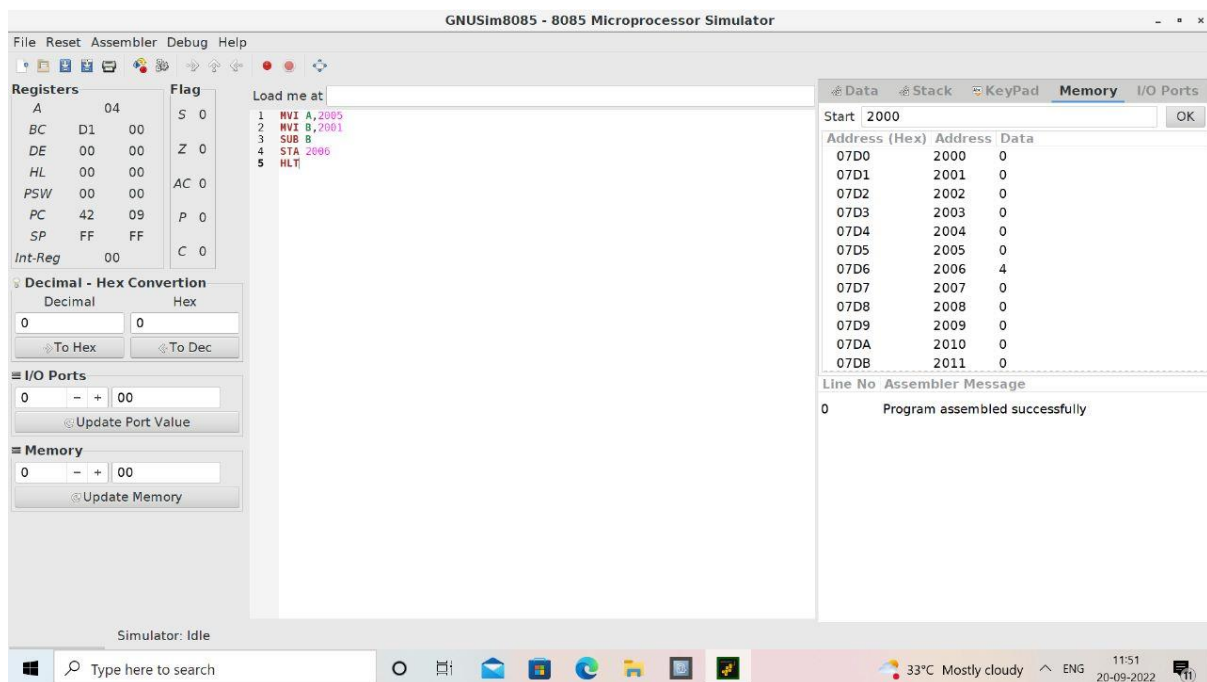


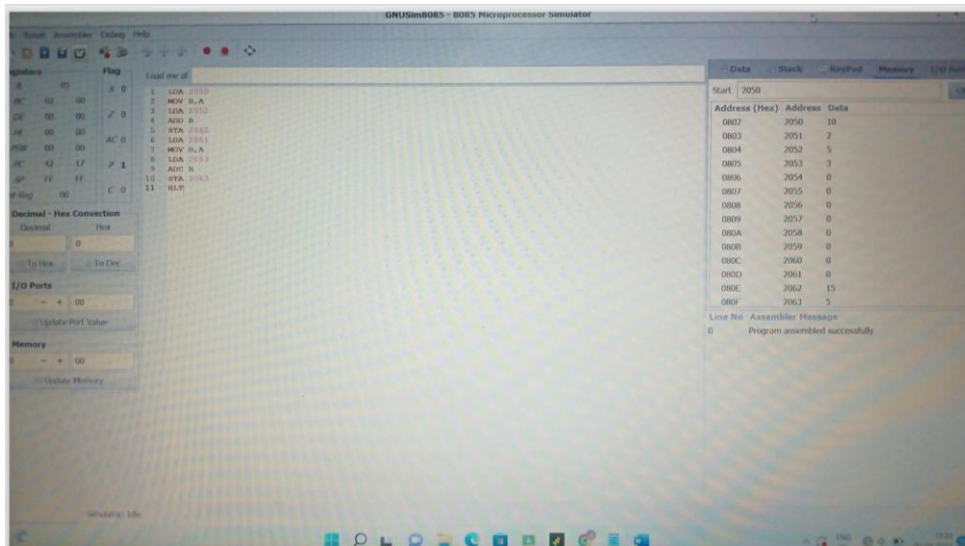
## Experiment 1



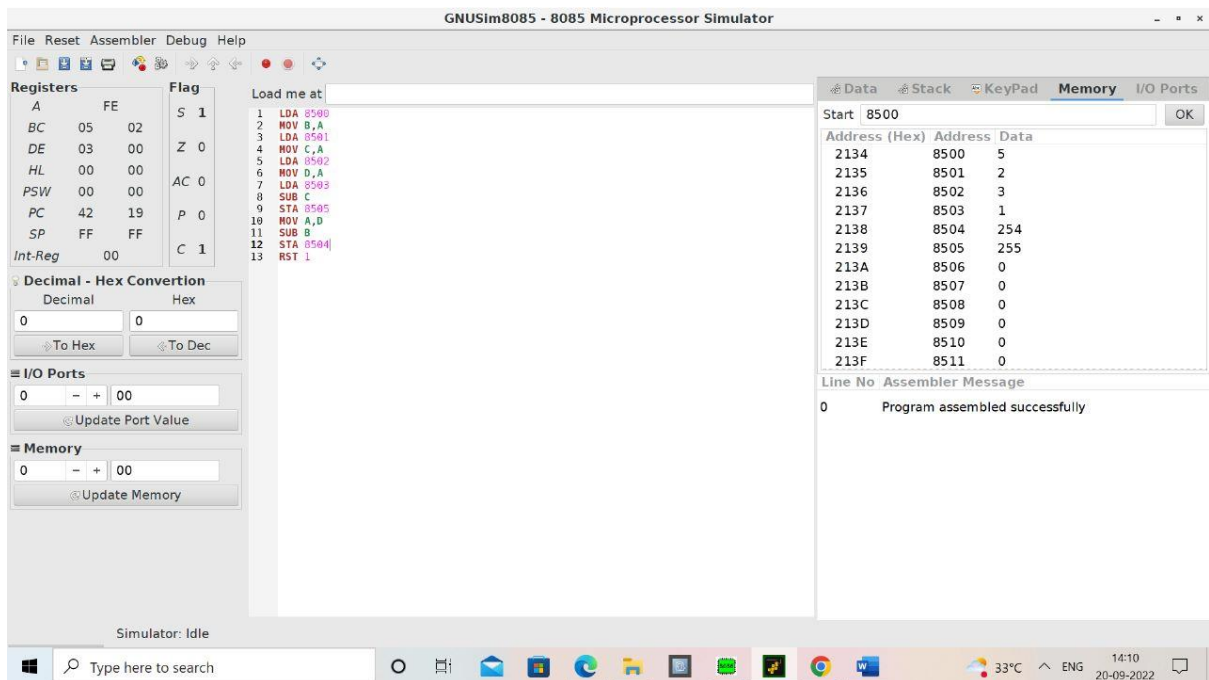
## Experiment 2



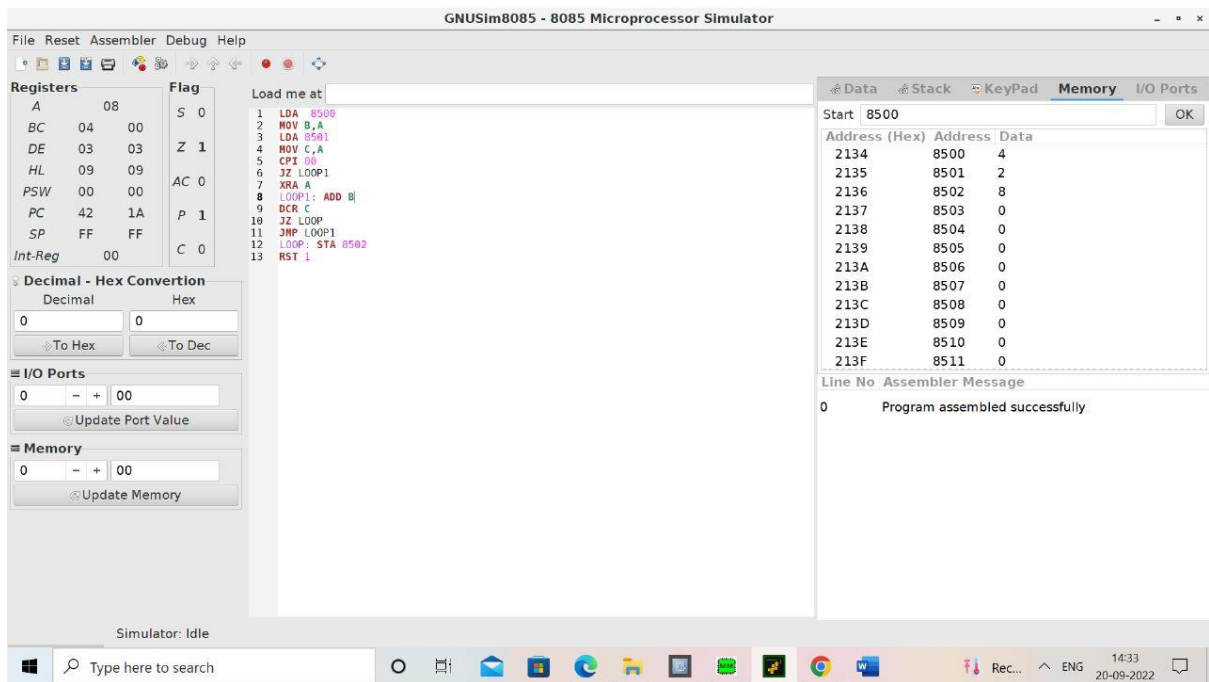
## Experiment 3



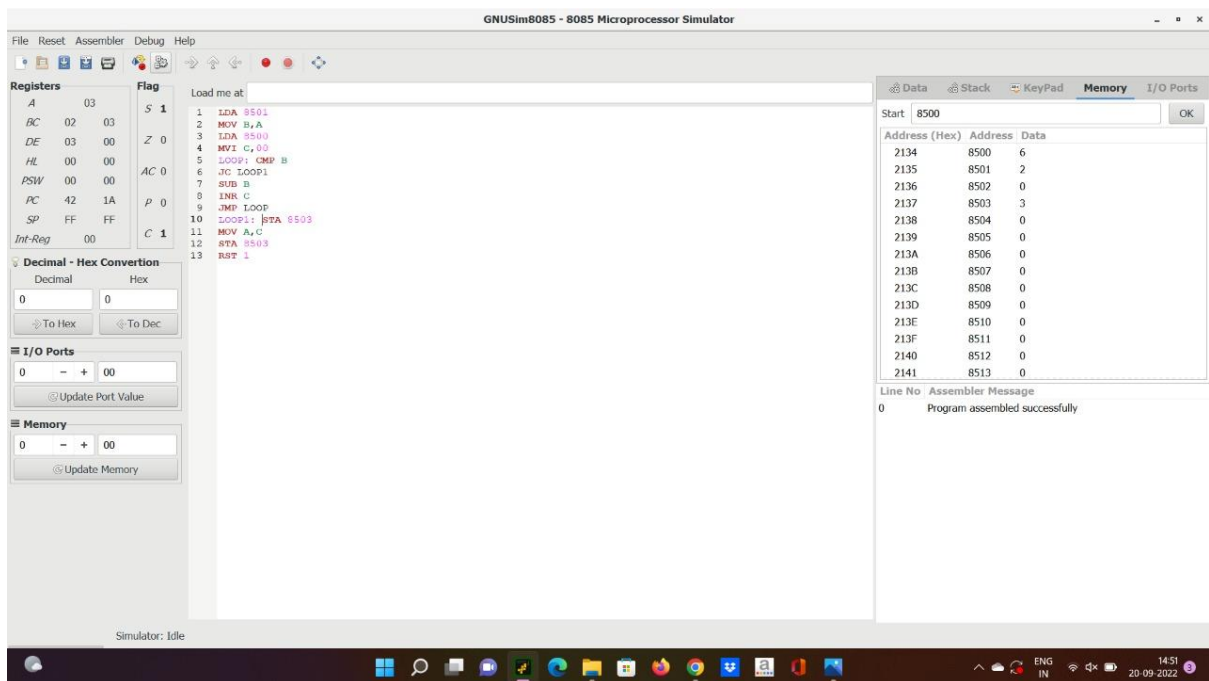
## Experiment 4



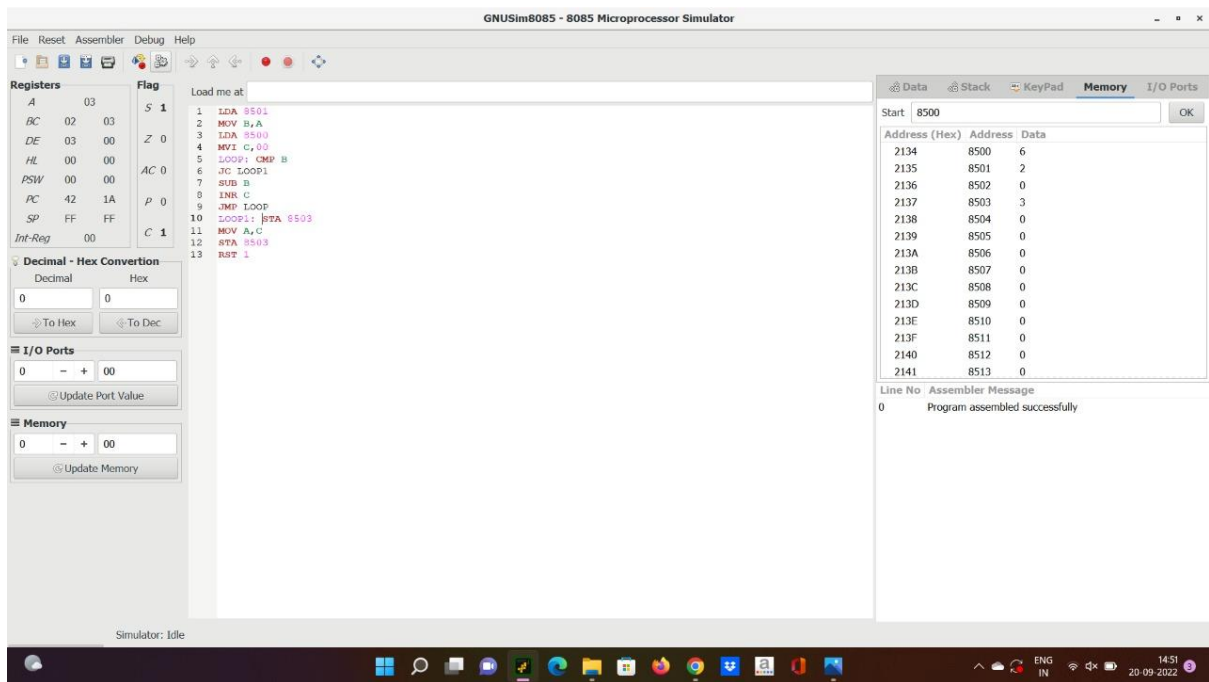
## Experiment 5



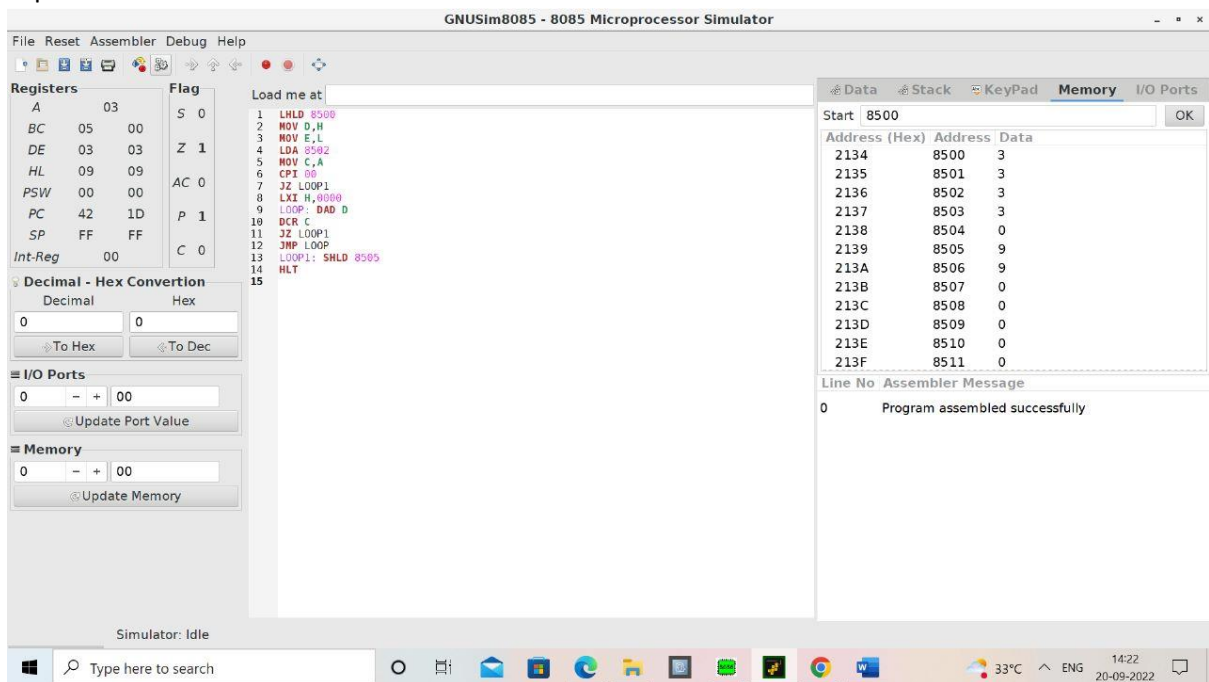
## Experiment 5



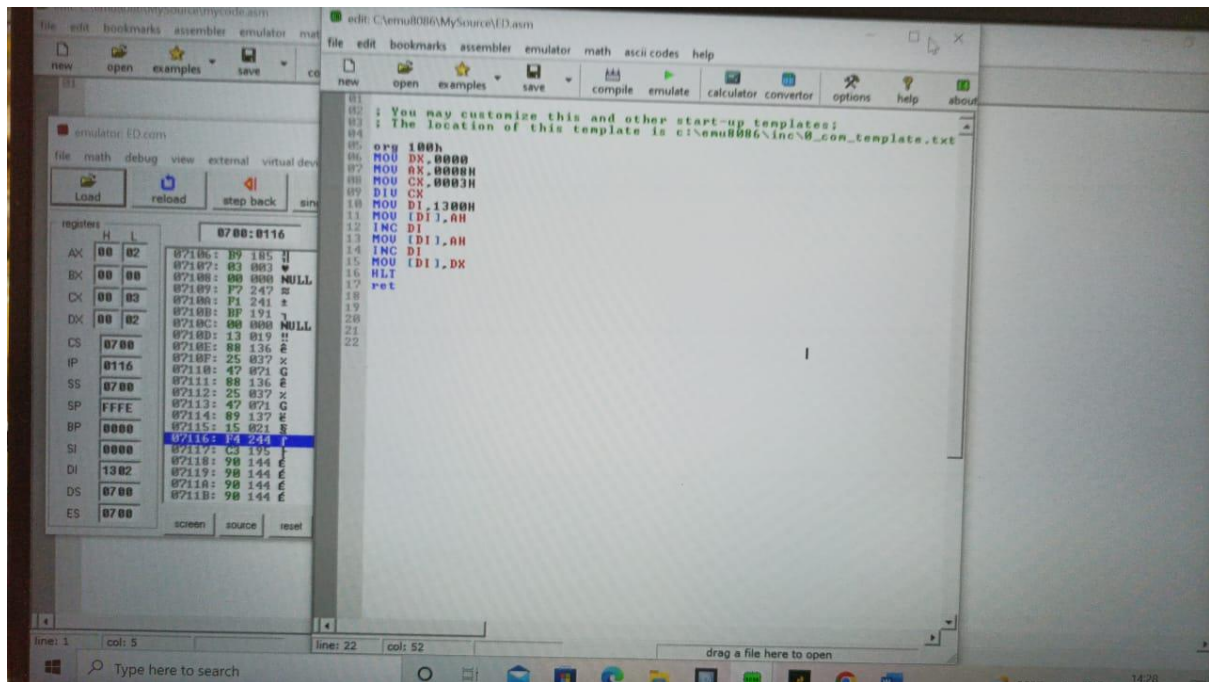
## Experiment 6



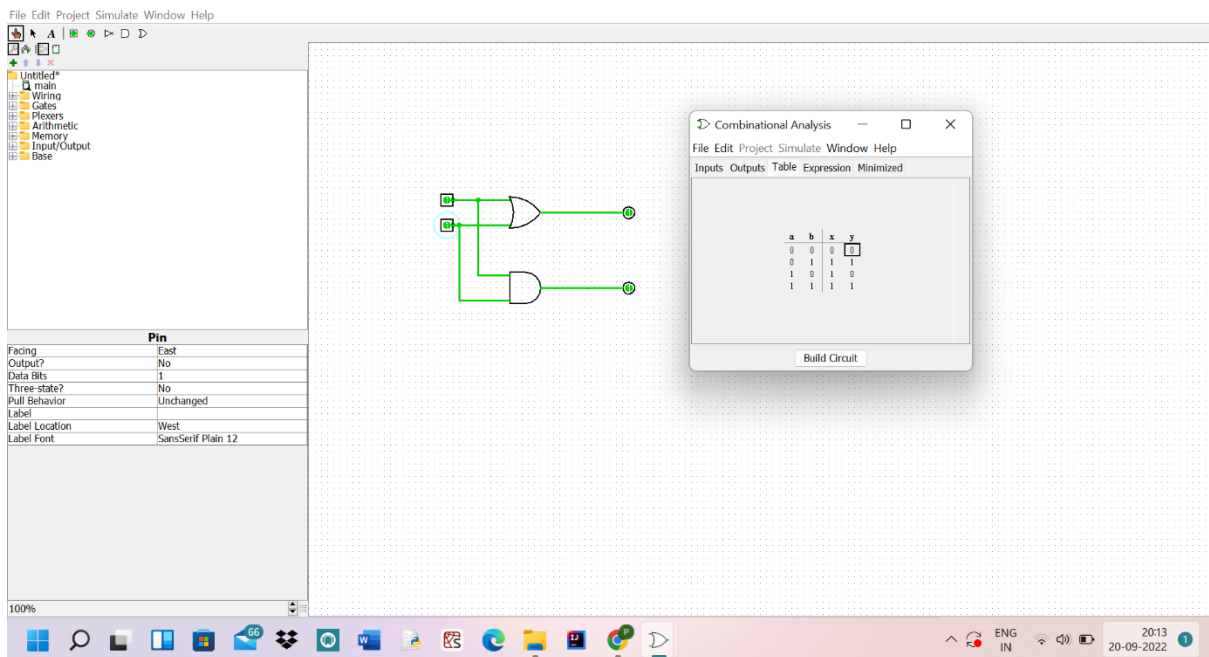
## Experiment 7



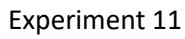
## Experiment 8



## Experiment 9



## Experiment 10



FileResetAssemblerDebugHelp

Registers

A

00

BC

0000

DE

0000

HL

0000

PSW

0000

PC

0000

SP

0000

Int-Reg

00

Flag

S

0

Z

0

AC

0

P

0

C

0

Decimal - Hex Conversion

Decimal

0

Hex

0

To Hex

To Dec

I/O Ports

0

-

+

0

Update Port Value

Memory

0

-

+

0

Update Memory

Load me at:

1MOV CX, [0500]

2MOV AX, 0001

3MOV DX, 0000

4MUL CX

5LOOP 040A

6MOV [0000], AX

7MOV [0001], DX

8HLT

DataStackKeyPadMemoryI/O Ports

Start0500OK

Address (Hex)

Address

Data

01F4

500

4

01F5

501

0

01F6

502

0

01F7

503

0

01F8

504

0

01F9

505

0

01FA

506

0

01FB

507

0

01FC

508

0

01FD

509

0

01FE

510

0

01FF

511

0

0200

512

0

Line No

Assembler Message

Simulator: Idle