

WORKSHEET-6

NAME – UID –

CLASS – SEMESTER –4th

SUBJECT- MPI Lab

AIM OF THE PRACTICAL

- 1. Shift Left 8-bit number by 1 bit.
- 2. Program to Shift Left 8-bit Number by 2 Bit

APPARATUS REQUIRED

- 1. Jubin(8085 simulator)
- 2. Java

CODE OF THE EXPERIMENT(1-Bit left shift)

#BEGIN 0000H

LDA 2500H

RAL

STA 2501H

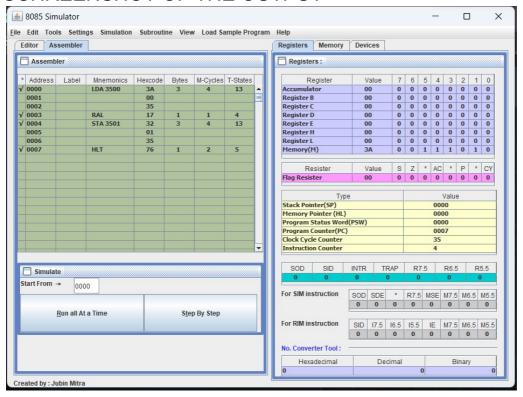
HLT

#ORG 2500H

#DB 42H

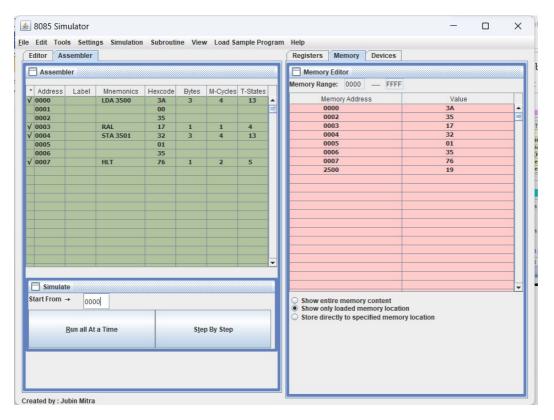


SCHREENSHOT OF THE OUTPUT



Screenshot of Memory





CODE OF THE EXPERIMENT(2-Bit left shift)

#BEGIN 0000H

LDA 2500H

RAL

RAL

STA 2501H

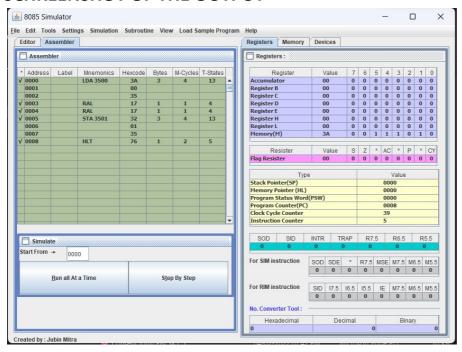
HLT

#ORG 2500H

#DB 42H

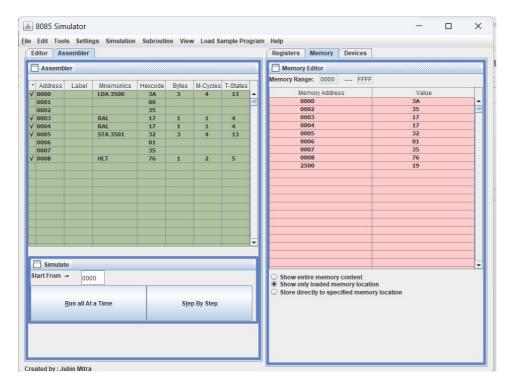


SCHREENSHOT OF THE OUTPUT



Screenshot of Memory





LEARNING OUTCOMES

- 1. Learned about 8085 simulator.
- 2. Learned about left shift and right shift operators.