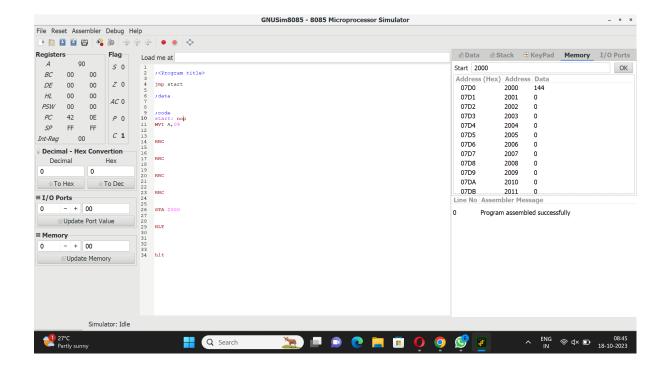
ROTATE RIGHT OPERATION

| EXP NO | D: 19 | |
|--|--|--|
| AIM: To compute rotation of given data in right without carry using 8085 processor. | | |
| ALGOR | ITHM: | |
| 1) | Load the base address of the array in HL register pair. | |
| 2) | Move the data from memory location into accumulator. | |
| 3) | Shift right the accumulator content for four times left. | |
| 4) | Store the result in the specified location. | |
| | | |

| MVI A,03 | |
|-----------|--|
| RRC | |
| RRC | |
| RRC | |
| RRC | |
| STA 2000 | |
| HLT | |
| | |
| | |
| INPUT: | |
| MVI A, 09 | |
| | |
| | |

PROGRAM:

OUTPUT:



RESULT:

Thus the program was executed successfully

using 8085 processor simulator.