8-BIT SUBTRACTION

To write an assembly language program to

implement 8-bit subtraction using 8085 processor.

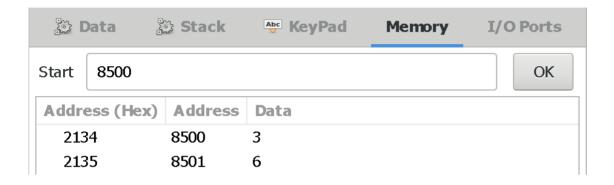
EXP NO: 2

ALGORITHM:

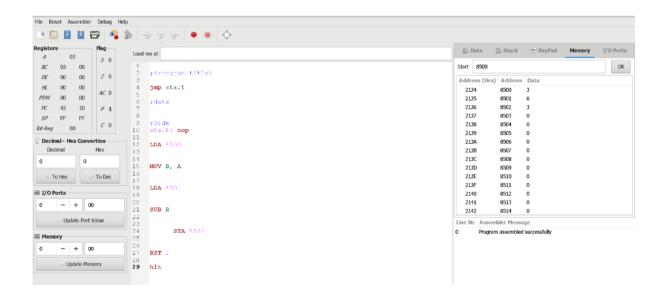
AIM:

1) the _l	Start program by loading the first data into the accumulator.
2) the	Move data to a register.
3) the	Get second data and load it into the accumulator.
4) the t	Subtract two register contents.
5) for b	Check porrow.
6) the	Store difference and borrow in the memory location.
7)	Halt.
PROGRAM:	
	LDA 8000
	MOV B, A
	LDA 8001
	SUB B
	STA 8002
	RST 1

INPUT:



OUTPUT:



RESULT:

Thus the program was executed successfully using 8085 processor simulator.