8-BIT ADDITION
EXP NO: 1
AIM:
То
write an assembly language program to implement 8-bit addition using 8085
processor.

the program by loading the first data into the accumulator.

the second data and load it into the accumulator.

ALGORITHM:

Move the data to a register.

Add the two register contents.

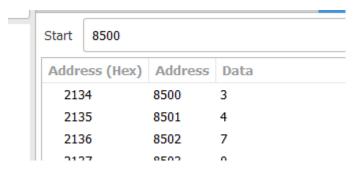
1)

2)

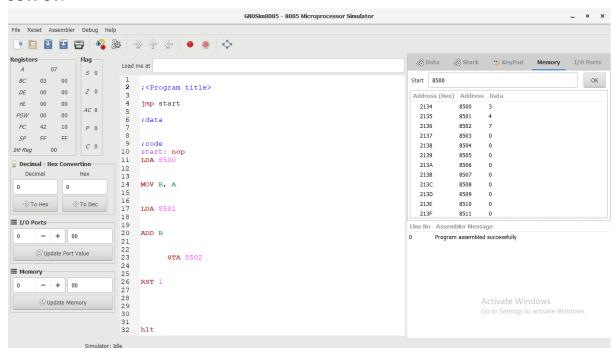
3)

4)

5)	Check	
for car	for carry.	
- >		
,	Store	
the value of sum and carry in the memory location.		
¬ \	11.16	
7)	Halt.	
PROGR	2ΔM·	
i itooi	ACTIVI.	
LDA 85	500	
MOV B, A		
LDA 8501		
ADD B		
	074.0500	
	STA 8502	
RST 1		
NOT I		
INPUT:		



OUTPUT:



RESULT:

Thus the program was executed successfully using 8085 processor simulator.