

Experiment 11:

AIM:

To design and implement 2-bit full adder with NAND gate by using logisim simulator.

TRUTH TABLE:-

Inputs			Outputs	
A	B	C – IN	Sum	C – Out
0	0	0	0	0
0	0	1	1	0
0	1	0	1	0
0	1	1	0	1
1	0	0	1	0
1	0	1	0	1
1	1	0	0	1
1	1	1	1	1

OUTPUT:

