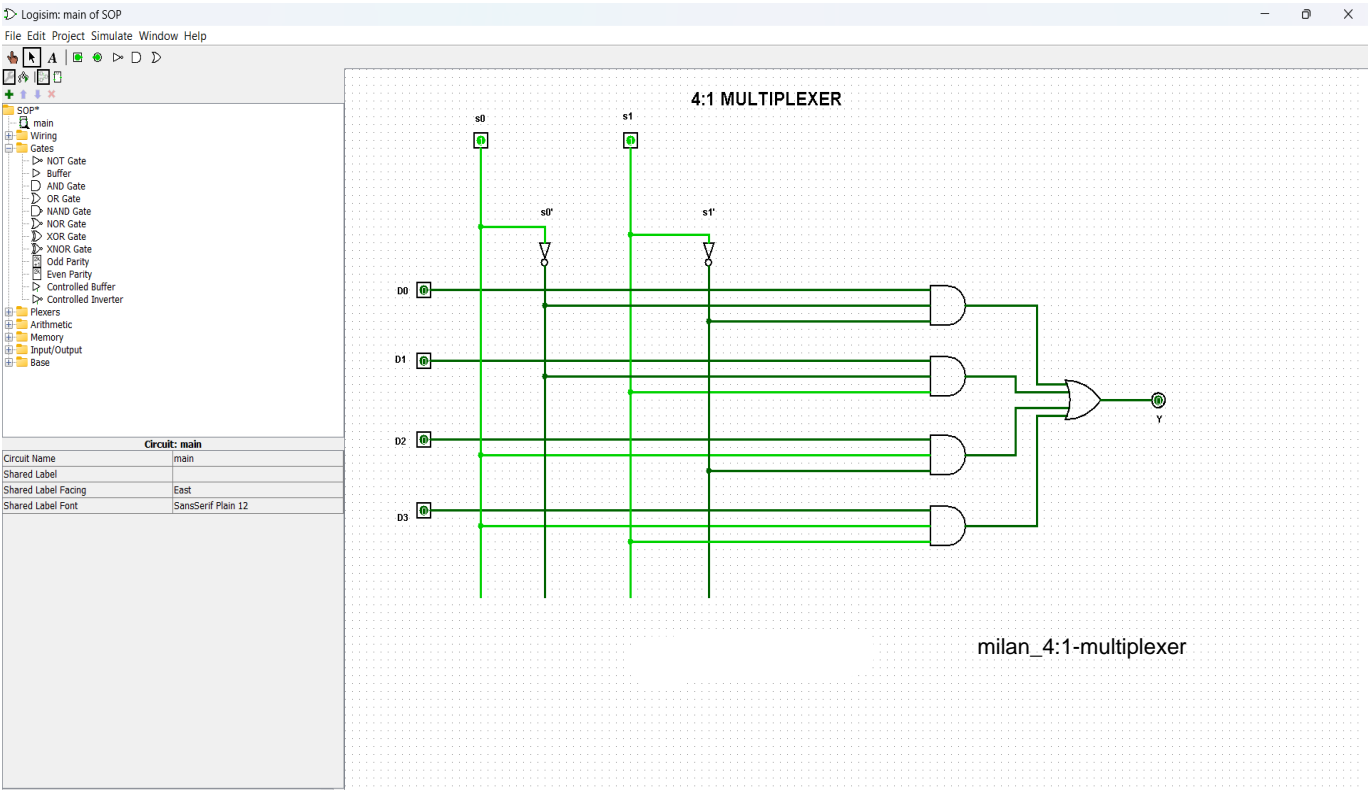


EXPERIMENT :- 7

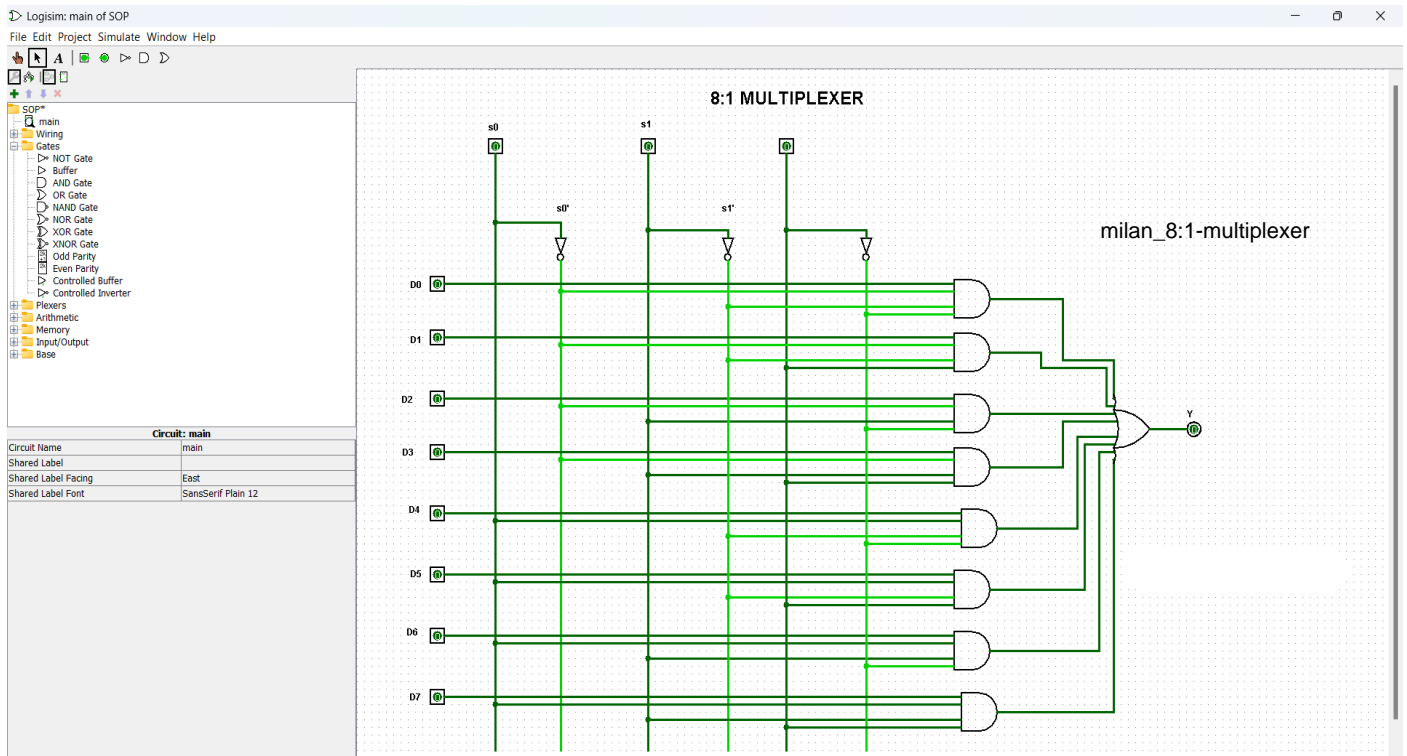
4:1 MULTIPLEXER:-



TRUTH TABLE:-

INPUT	INPUT	OUTPUT
S0	S1	Y
0	0	A0
0	1	A1
1	0	A2
1	1	A3

8:1 MULTIPLEXER :-



TRUTH TABLE :-

INPUT	INPUT	INPUT	OUTPUT
S0	S1	S2	Y
0	0	0	A0
0	0	1	A1
0	1	0	A2
0	1	1	A3
1	0	0	A4
1	0	1	A5
1	1	0	A6
1	1	1	A7