Lab1

Q1)using qurtues build this circuit

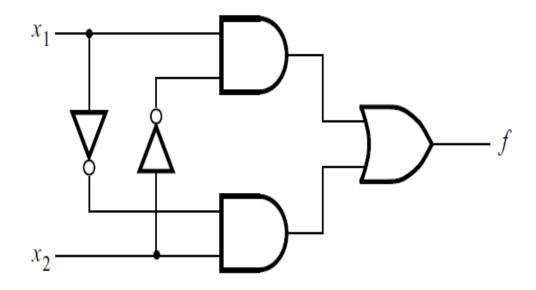
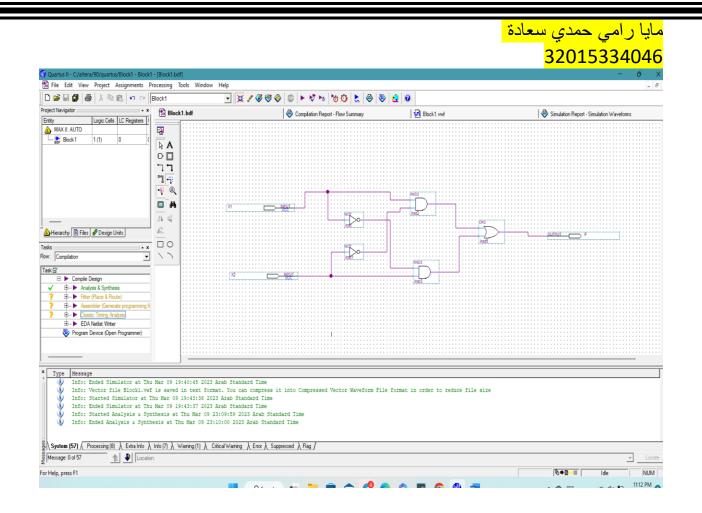


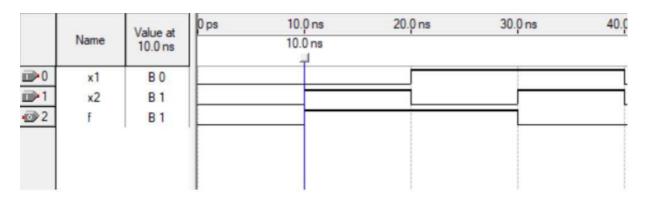
Figure 11. The light controller circuit.

Q1)find the truth table using waveform

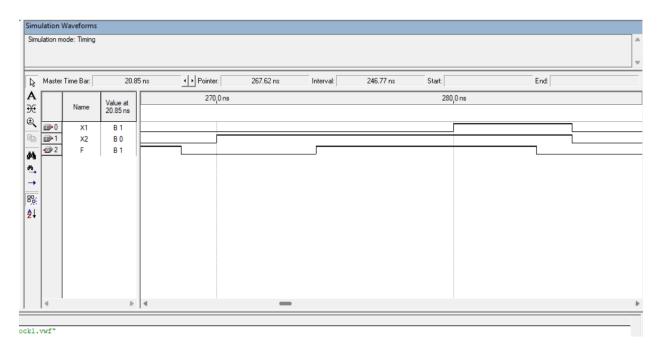
X1	X2	f
0	0	0
0	1	1
1	0	1
1	1	0



Q2)find the functional waveform



Q3) find the timing waveform.



Q4) find the delay time for this circuit?

8.5

