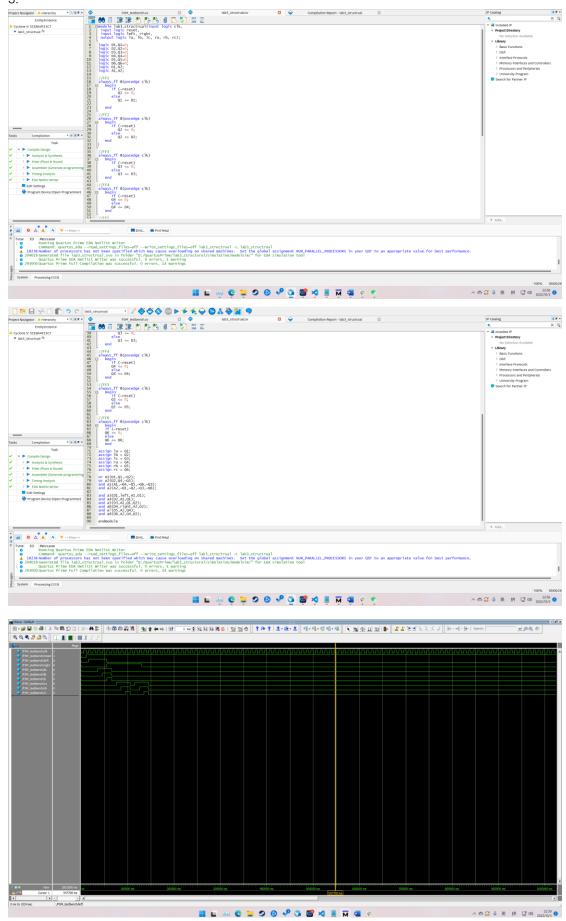
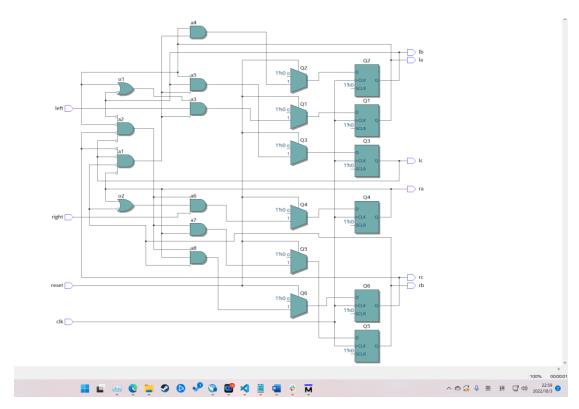


When L and R is 0, there is no light. When L = 1 or R = 1, the FSM goes through 3 states, and goes back to start.



It is expected in the waveform. When the input is left or right, they will light up in sequence and shutdown for one period.



RTL is done by 5 D-FFs.

Behavioral:

