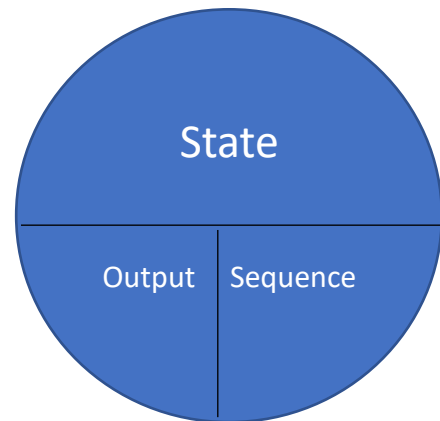


- I will use Moore FSM in my assignment and this notation in the state diagram.



❖ The state diagram is below:

