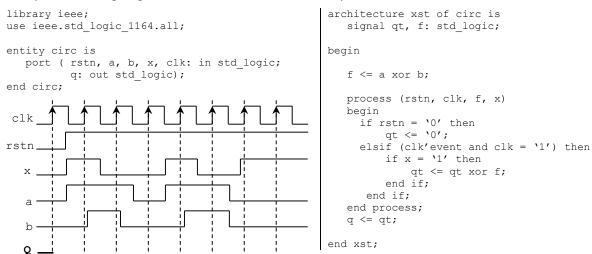
Quiz 3

(November 5th @ 5:30 pm)

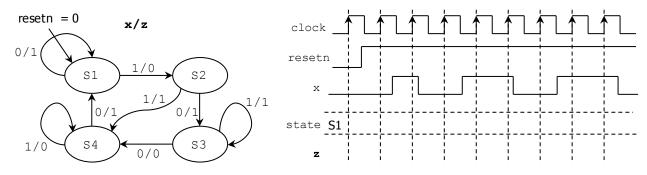
PROBLEM 1 (30 PTS)

• Complete the timing diagram of the circuit whose VHDL description is shown below:



PROBLEM 2 (30 PTS)

• Complete the timing diagram of the following state machine:



PROBLEM 3 (40 PTS)

- Complete the timing diagram of the following circuit. $Q = Q_3 Q_2 Q_1 Q_0$
- Get the excitation equation for Q_3 . (5 pts)

