

want to limit the father's power by allowing him to veto at most three times in a row. Design a Moore state machine that outputs P , which states the veto power of the father. If $P=1$, the father can veto and if $P=0$, he cannot. Note that if the father vetoes twice, and then does not veto, he still has a chance to veto the next three rounds.

- g) (1.5 points) Show the state assignment and implement your state machine using JK flip-flops and AND, OR, NOT logic.