Pre-Lab

The scorer and scorer test bench code is linked on the ELEC 3500 TA webpage.

1. Describe in your own words (English) all the conditions for the case "favor the looser" for both players.
2. Describe in your words (English) under what conditions the signal "mr" is equal to 1.
3. How long is the signal "winrnd" in units of clock cycle? How long should it be?
4. Complete the diagram below with all appropriate labels. (Inputs, outputs, and internal wires include the number of bits on buses)
5. Draw a state diagaram for the scores.