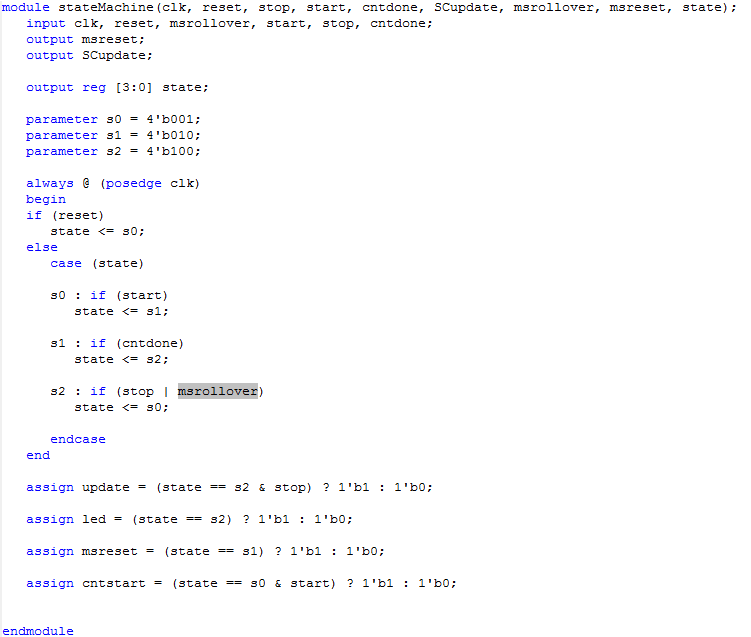
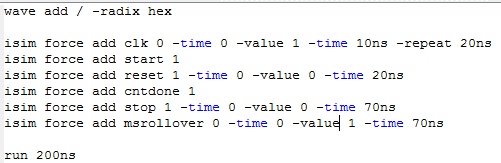
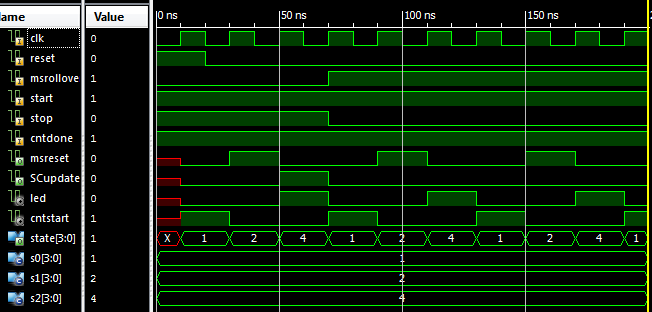
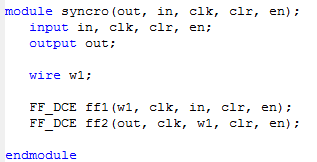
Control FSM:

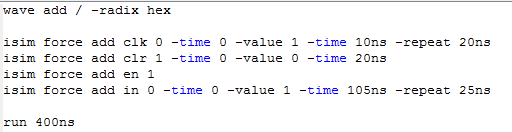


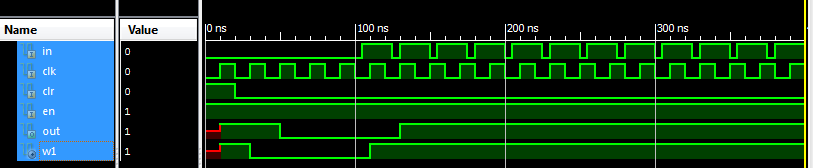




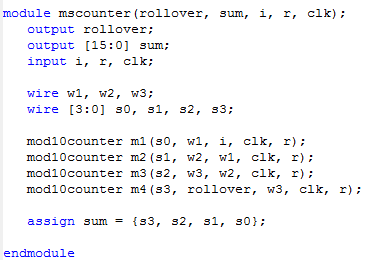
Synchronizer:

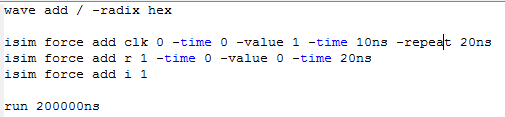


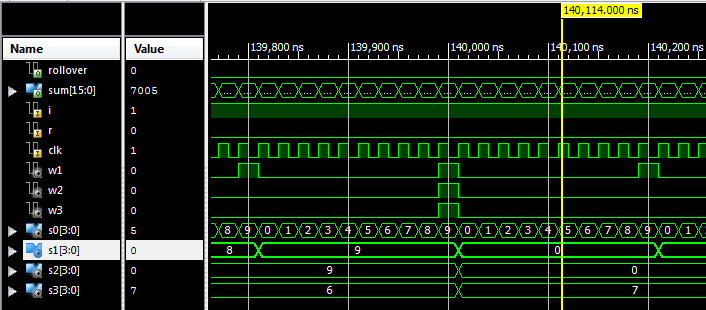




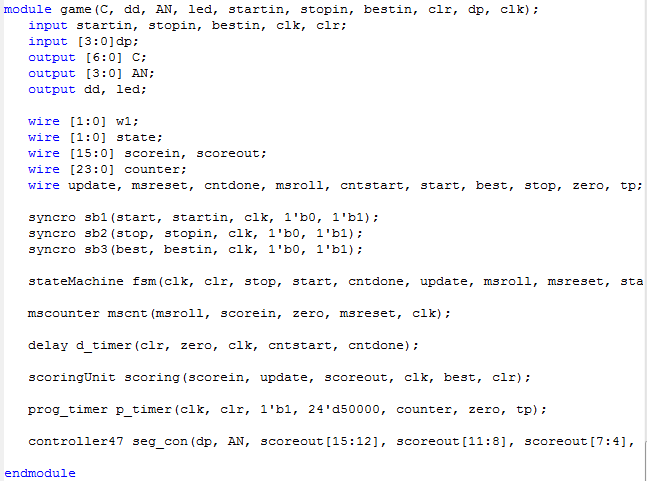
MS Counter:

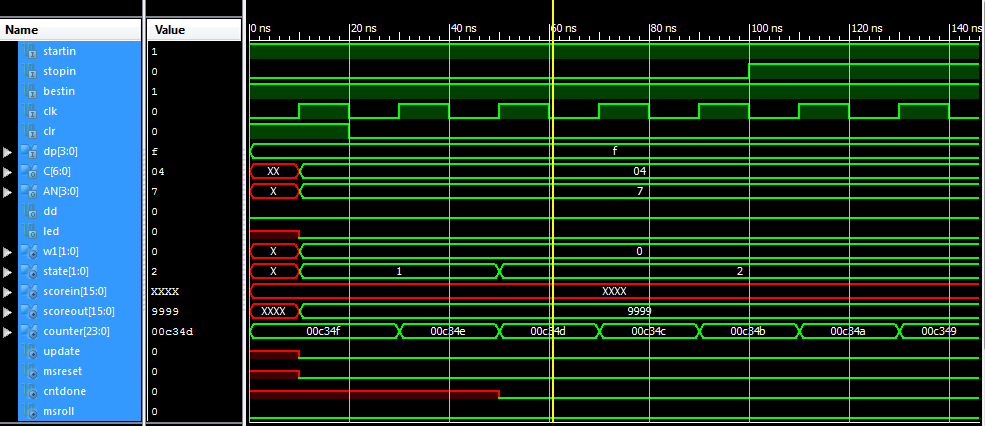


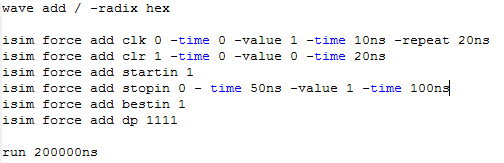




Response Game:







Anomalies:

The bit widths on the pdf instructions were wrong. It would say like [16:0] (for a 16 bit number), but it should say [15:0].