Timing Controller Pseudo Code

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ECE337
Section 4
Thu 2:30
Lab 4
Due 22 Sept.

Timer

 flex_counter C1
 flex_counter C2
 flip_flop F1

 C1.count_enable = enable_timer
 C1.rollover_val = 'd10
 C1.clear = F1.Q
 C1.clk = clk
 C1.n_rst = n_rst

 C2.count_enable = C1.rollover_flag
 C2.rollover_val = 'd9
 C2.clear = F1.Q
 C2.clk = clk
 C2.n_rst = n_rst

 F1.D = C2.rollover_flag

 shift_strobe = C1.rollover_flag

 packet_done = C2.rollover_flag

end