Assignment 2
(Due: November 17, 2014 – Please hand it to your TA during the lab session)

Exercise 1:

Solve the following from the end-of-chapter-5 problems of the textbook (Mano and Ciletti):

5.7.
5.17.   Hints: Use the simplest possible Mealy Machine. Based on the technique discussed in lecture for 2's complement
5.30.

Note: All the problems of the chapter can be solved for practice, but are not to be submitted.

Exercise 2:

Solve the following from the end-of-chapter-6 problems of the textbook (Mano and Ciletti):

6.22.   (b) Note: The problem has a typo. "The count evolves through a sequence of ~~12~~ **10** distinct states"
6.26.   Hints: Treat this as a design problem for a Moore circuit whose output is the required clock. Use T flip flops.

Note: All the problems of the chapter can be solved for practice, but are not to be submitted.