CprE 308 Homework 2
Department of Electric and Computer Engineering
Iowa State University

It is not required to hand in this homework.

The problem pointers refer to the class text "Modern Operating Systems" by Tanenbaum, 4th Edition, which cover Chapter 2.

1. Chapter 2, problem 1, 3, 4, and 11, 12, 13, 14, 15, 16, 17, 20, 21, pg 174-175.

2. Chapter 2, problems 23, 24, pg 175.

3. Chapter 2, problems 45, 50, 52, pg 177-178

4. Chapter 2, problems 55, 56, pg 178

5. Chapter 2, explain how you would implement semaphores on a system with a single CPU. Assume that you can disable interrupts.