**Comp 4735 Fall 2015**

## Lab Instructor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ SET :\_\_\_\_\_\_\_\_\_\_\_

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

# Lab 5

Solve the following exercises. Work in pairs. Discuss each exercise with your lab instructor.

1. (From Lab 4): Consider a doctor’s office with two doctors each in his room. Consider a waiting room with four chairs. If no chair is available, patients should wait outside. Solve the problem in pseudo-code with semaphores.
2. Solve problems: 5.12 and 5.18