ELE709 - Real-Time Computer Control Systems
Lab 4 - Resource Sharing and Coordination

Name:

1. **Exercise 4.1:**

   (a) Explain why the example program `lab4.c` didn't work correctly?

   (b) A mutex was suggested as a way to make the example program work correctly. What is the purpose for using the mutex in this case? In particular, what is being protected by this mutex?

2. **Exercise 4.2:** Explain the logic of your program for this exercise. In particular, what are the predicates (associated with the condition variable) for Thread A and Thread B?