**ECE 432-532 Lab exercise - 7**

**Fall 2017**

**Exercise:**

Download the file pthread\_sync.c from D2L. Modify the code so as to have the following cases:

1. Synchronize the two threads with mutexes so that Thread 0 is executed always first.
2. Modify the code so as each tread executes its function 4 times and the output has the following format:

Thread 0 started

Thread 0 finished

Thread 1 started

Thread 1 finished

Thread 0 started

Thread 0 finished

Thread 1 started

Thread 1 finished

Thread 0 started

Thread 0 finished

Thread 1 started

Thread 1 finished

Thread 0 started

Thread 0 finished

Thread 1 started

Thread 1 finished