Welcome to Lab 10! At the start of each lab, you will receive a document like this detailing the tasks you are to complete. Read it carefully. Try your best to finish labs during the lab session. However, labs are not due right after each lab period.

During the live lecture, Laurent showed you how to have multiple threads insert elements into a shared linked list. However, he showed you a "coarse" grained approach. In this lab, you will implement a "fine" grained approach. Each node of the list has a mutex associated with it. As you iterate through the list, lock and unlock these mutexes to prevent the threads interfering with one another.

Open dllist.c with a text editor. You need to finish the insertSortedList function.