**Lab 8 Report**

**Issues:** One of the main issues when handling multithreaded programs is that the threads may interfere with each other. For example, while one thread is dealing with a piece of data another thread might be altering the data at the same time before the first thread finishes.

**Solution:** The first issue was solved using the Mutex lock and unlock functions. When lock is called all threads but the one it was called from stop running until the unlock is called. This prevents any potential issues between threads from occurring.