# Assignment 2.3

For assignment 2.3, my reference monitor was pretty resilient to most attacks, but any attacks that involved threading got through. This is because I didn't use locks, so they weren't thread safe. So in the initialization, I created a lock called self.lock with the create_lock() function. Everytime I called a function, I added acquired a lock in a try catch block, then released it at the end of each function with a finally clause. This ensured that my functions were thread safe. I wasn't able to pass all test cases, but most of them were fixed. There was also one error that involved me writing to a file even if there were no previous writes beforehand, which means it gave me the wrong exception, but I fixed that now.