

## Lab 6 write up

### 1. threadSync1:

From the test runs of threadSync1, we can see that order of the execution of thread is not in the order as it is created. It is decided by the scheduler and how many threads are running in the system.

### 2. threadSync2:

Producers and consumers are synchronized by using empty and full semaphores, and the correctness of buffer access and update is guaranteed using mutex semaphore.