

Cosc 4740
Written Q11

Worth 15 points

*All answers are to be typed. This is **NOT** a programming assignment, no compiler needed, which also means it is due at class time.*

Write a program using only mutex locks to solve the producer consumer problem. The buffer is of size N. Note you **CAN NOT** use counting semaphores, like the slides, but you can use semaphores to sleep and wakeup processes.