Distributed Algorithms CPSC-561; Assignment 1

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1   Funny Lock

Mutual exclusion   is violated by two processes P and Q, by the execution order: $P_1, P_2, P_3, P_5, P_2, P_{CS}, P_7, Q_1, Q_2, Q_3, P_1, P_2, P_{CS}, Q_5, Q_2, Q_{CS}$

Deadlock-freedom   is violated by two processes P and Q, by the execution order: P_1, Q_1, P_2, Q_2

2   Loust Lock