

Indian Institute of Engineering Science and Technology, Shibpur.
IT Department, Session 2019 July
Operating Systems Laboratory 2019

Date: 30.08.2019

Assignment 7

1. Write a program which creates 2 threads T1 and T2. Thread T_i should add i repeatedly to a shared global variable x . All threads should run until x exceeds an upper limit M . Also verify that x is consistent.
2. Write a program which creates 4 threads T1, T2, T3 and T4. Each thread T_i should add i repeatedly to a shared global variable x . All threads should run until exceeds an upper limit M . Also verify that x is consistent.