

For each of the assignments, I would like you to design the description of the assignment and discuss with me after Monday's class. Form groups of 2 to implement these assignments. Each group should work on one of the assignments. In that way, each student is working on a specific part of an example. The assignments are assigned in the order of increasing roll numbers. For example, students with Roll numbers 1 and 2 work on assignment 1.

Assignment 1

Use RMI to implement Lamport's vector clocks.

Assignment 2

Use RMI to implement BSS protocol for causal ordering

Assignment 3

Use RMI to implement Lamport Mutual Exclusion

Assignment 4

Use RMI to implement Maekawa's mutual exclusion

Assignment 5

Use RMI to implement Centralized Clock Synchronization

Assignment 6

Use RMI to implement Suzuki Kasami

Assignment 7

Use RMI to implement a simple chat system