1 To develop application through implementing client-server communication programs based on Java Sockets

2A Implement multi-threaded client/server Process communication using RMI(**Calculator**)

2B Implement multi-threaded client/server Process communication using RMI. (**String operations)**

3A Develop distributed **Calculator** application using CORBA to demonstrate object brokering

3B Develop distributed **String operations** application using CORBA to demonstrate object brokering.

4 Develop a distributed system, to find sum of N elements in an array by distributing N/n elements to n number of processors MPI or OpenMP. Demonstrate by displaying the intermediate sums calculated at different processors

5 Implement Berkeley algorithm for clock synchronization.

6 Implement token ring based mutual exclusion algorithm.

7 Implement algorithm for leader election
    a) Bully
    b) Ring

8 Create a simple web service and write any distributed application to consume the web service.