



मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
प्रयागराज-२११००४ [भारत]
Motilal Nehru National Institute of Technology Allahabad
Allahabad-211004 [India]

Department of Computer Science and Engineering

Programme Name: B.Tech

Semester: VI Branch: Computer Science & Engg

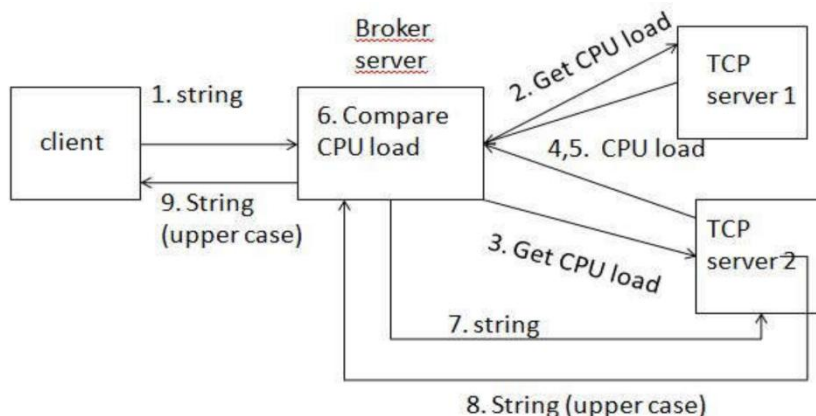
Course Code: CSN16400

Course Name: Distributed Systems

Experiment No. 8

Experiment Description

- i) Suppose you have two TCP servers for converting a lower case string to upper case string. You have to design a load balancer server that accept lower case string from client and check for the CPU utilization of both servers. Load balancer will transfer the string to the server having less CPU utilization. The load balancer will get upper case string from server and return to the clients.



- ii) Implement a client-server program in which the server accepts a string from a client and transfer the upper-case string to client using TCP socket in Java.