

Indian Institute of Information Technology, Allahabad
Course: Computer Networks (ICNW532C)
Batch: Batch 2014 (IT, ECE and Integrated Programs)
Lab Assignment #4
Lab Sessions: 21.10.2016
Deadline: Lab sessions from 21 to 29 November 2016

1. Implement a client server application which will provide non blocking (asynchronous) chat facility between client and server. Non-blocking means either side can send any number of messages without wait in real time. (Hint: you may implement in two ways: one by using fork () system call and other by using select() system call).
2. Extend this program such that there will be a centralized server and multiple clients may chat with each other through the server. (Similar to yahoo / google chat). You may showcase your creativity in this application for extra marks.