

Advanced C Module

Lab Assignment 3

Consider a Banking organization that provides a live chat facility as a customer care service.

For simplicity, let's assume that we have a single customer care representative at a time who is handling simultaneous queries from multiple clients and replying over the chat. Design such a chat application over connection-oriented protocol.

So multiple clients can connect to the representative/server and exchange messages with it. The server may receive all messages over a single window but a reply from the server must reach the respective client only, depending on order of message(query) arrival. Example, if client 1's query/message came first and before server could reply it has another query from client 2. So first reply from server corresponds to client 1 and the second reply from server corresponds to client 2.

You may make other necessary assumptions.

Submission: server_rollnum.c and client_rollnum.c put in a zipped folder.