Socket programming assignments

Computer Networks (CSD 304), B.Tech (CSE), Monsoon session 2024
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Concurrent server (Submission deadline: 7th and 9th October 2024)

(A) Develop a client and a server program using socket interface as follows: client sends a "hello" message and wait till "ACK" is received. Server prints the "hello" message and sends an ACK.

(B) Modify the program of (A) such that the client will block after sending five "hello" messages. The window slides by one unit after receiving each ACK.

Hint: Assume full duplex communication.

Chat program (Submission deadline: 7th and 9th October 2024)

(A) Modify the given chat program in such a way that the server and the client can involve in two-way chatting. (i.e., Full duplex communication)