

Task 1: TCP Echo Server

Implement a simple TCP Echo Server. The server should listen for incoming connections, receive data from clients, and send back the received data. The client should connect to the server, send a message, and display the echoed message received from the server.

Task 2: TCP File Transfer

Develop a TCP-based file transfer application. The server should wait for a file to be sent by the client, receive the file, and save it locally. The client should connect to the server, choose a file for transfer, and send it to the server. Ensure error handling for file not found and successful transfer.