



**National University**  
**Of Computer and Emerging Sciences**

# **COMPUTER NETWORKS**

**PROJECT REPORT:**

## **File Transfer Using Client Server**

### **MEMBERS:**

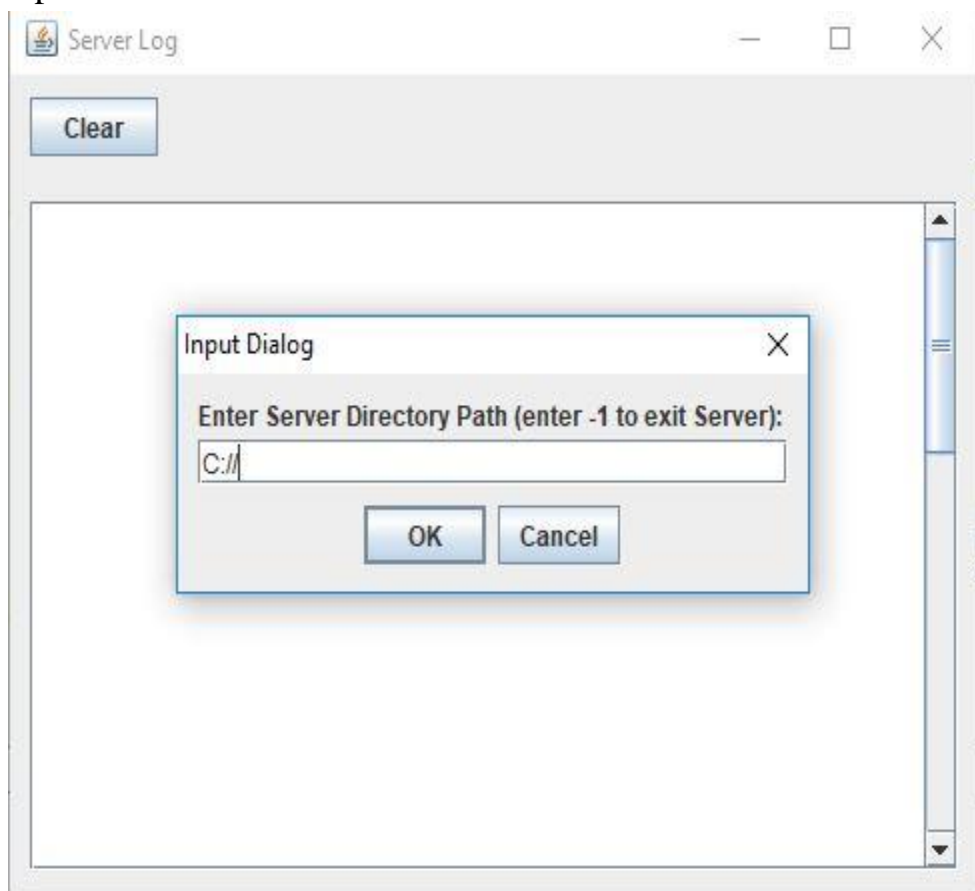
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# INTRODUCTION

In this project, we will use java socket programming to communicate between two hosts and File Transfer. Therefore, the project has one server and multiple clients. Initially, start the server program, give the path of the server directory in your computer and IP address (localhost) in the server code. Then open the client program, make a new client, and give the path to the client also the IP address of the client in the code. Multiple clients can be connected only with one server so the client can download a file from the server and upload a file to the server. The client can disconnect itself using the disconnect button. In addition, on the server side, it shows the http request message about the connection message.

## HOW TO RUN PROJECT:

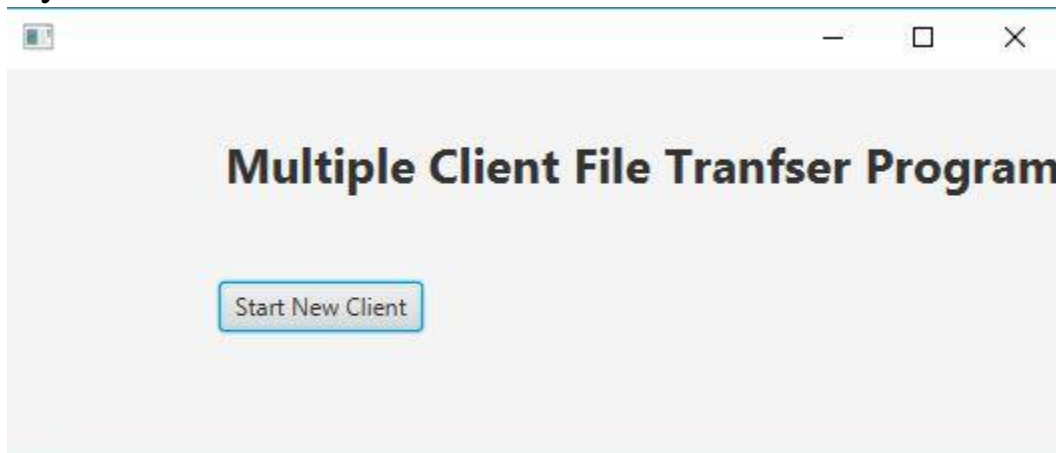
- Open project in NetBeans or eclipse
- One is myserver name project file and second is myMasterclient name project
- Open server file run



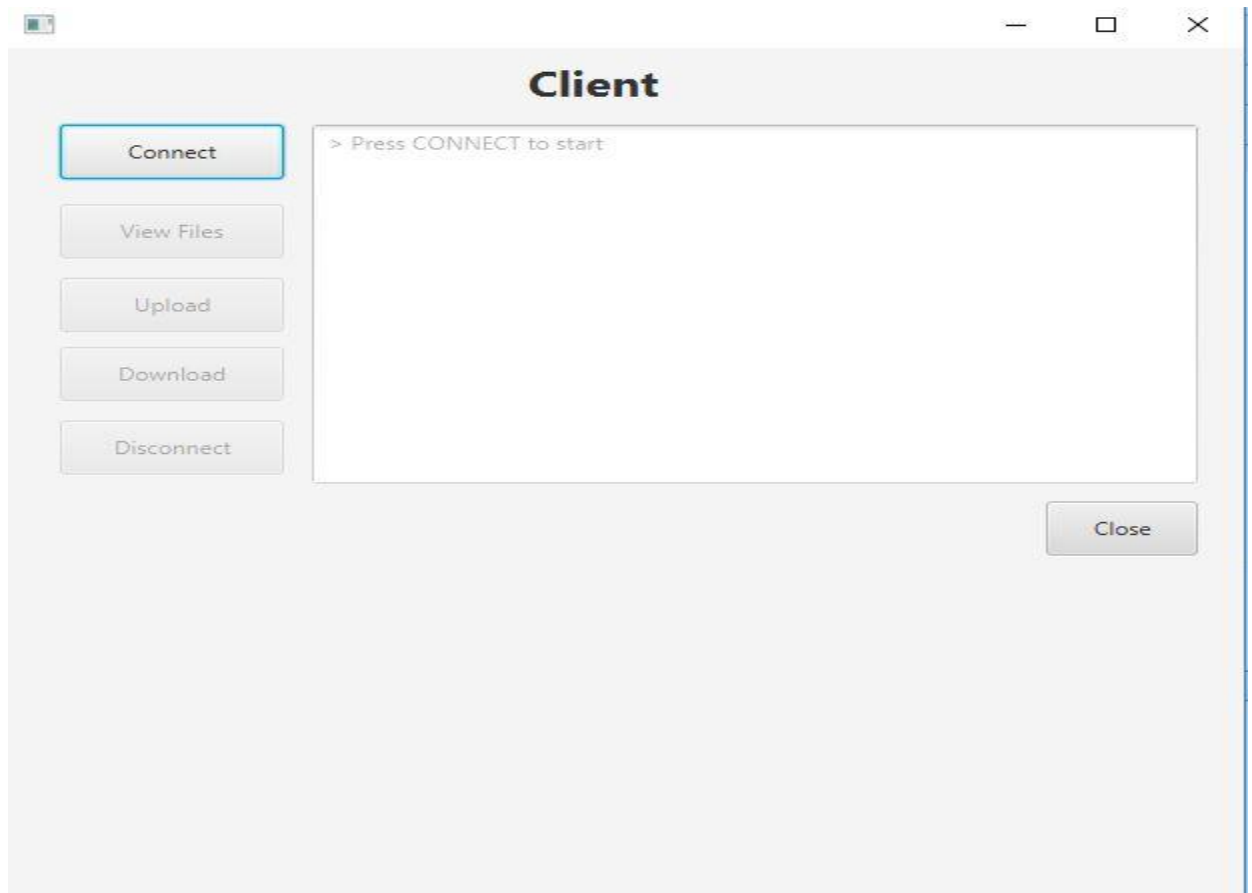
- Give directory path because server run on your local host so I set my server on C drive



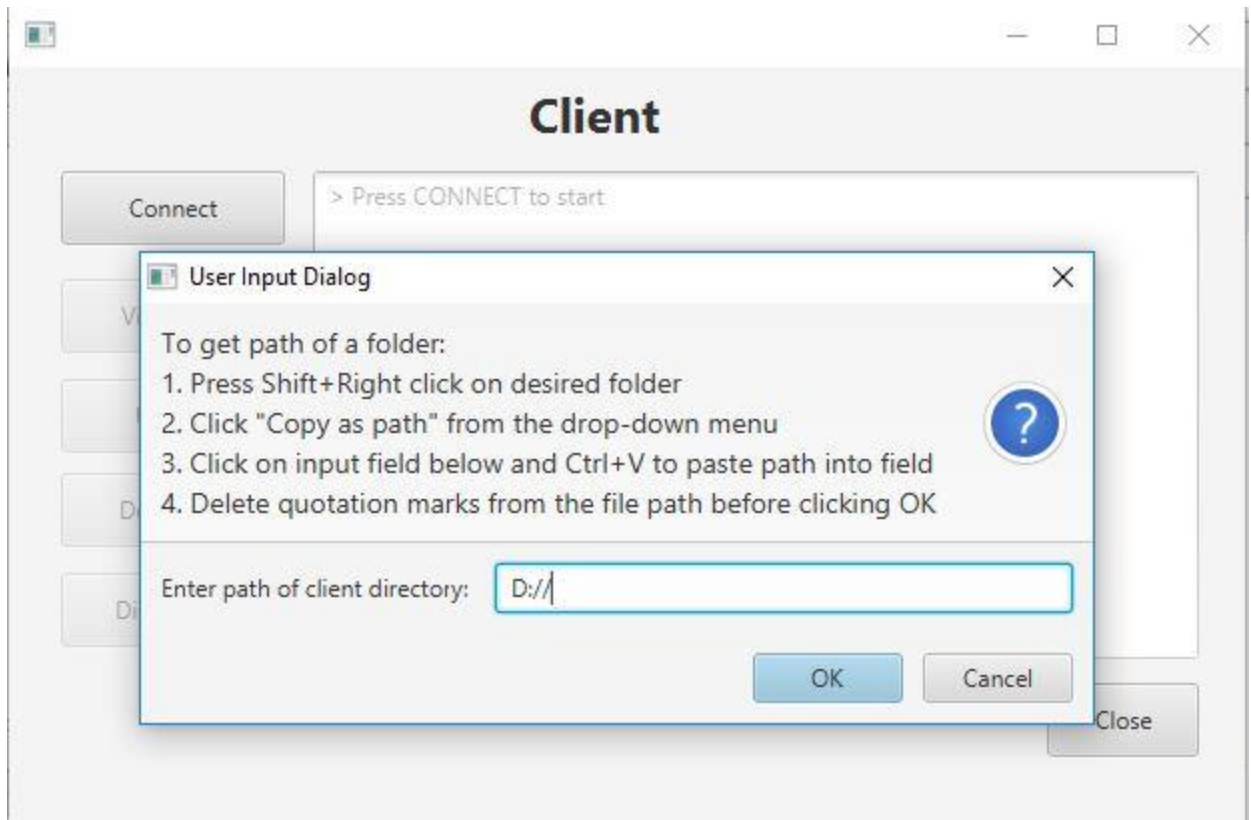
- Then Move to Client File
- In client folder has 5 file with classes and fxml you have to run myMasterClient file



Click Start New Client



Enter Connect and give directory path of client



Then click Okay client establish connection



Then you can view files on server, upload file on server, and download files from server.

Click disconnect then server disconnect itself