# Implementation of two file transfer applications in C++ and Java

In this lab, I have created two file transfer applications using C++ and Java. A file transfer application provides a mechanism to send and receive the contents of a file over the network. The user can select any file using either of the clients and receive the file using another client. I have also created unit tests to ensure my code is working properly and within defined constraints and will use [GitHub](http://www.github.com) to manage their solutions.

Basically I have 5 different files which are performing the file transfer in java:

FTPClient.java (dealing with client end)

FTPServer.java (dealing with server side)

transferfile.java (server side receive logic)

transferfileclient.java (client side send logic)

tests.java (testing ports and other features)

I have been using eclipse for compiling client and server.

In my c++ FTP I have used winsock for server and client to run simultaneously and there are just 2 file. FTPclient and FTPServer. You can go and run then in visual studio easily.