FTP in java:

first create a file called server.txt and add some text to it one the same location of ur java code

steps invloved are:

server:

ServerSocket

sock.accept()

Outputstream

FIlereader

Printwriter

client:

Socket localhost+port

Inputstream

BufferedReader

filewriter

server code:

import java.io.\*;

import java.net.\*;

class server1{

public static void main(String[] args) throws Exception

{

ServerSocket sersock=new ServerSocket(3000);

Socket sock=sersock.accept();

BufferedReader keyread=new BufferedReader(new InputStreamReader(System.in));

OutputStream os=sock.getOutputStream();

PrintWriter pwrite=new PrintWriter(os,true);

FileReader fr=new FileReader("server.txt");

String smsg="";

int a;

while(true)

{

while((a=fr.read())!=-1){

smsg+=(a);

fr.close();}

pwrite.println(smsg);

pwrite.flush();

}

}

}

client code:

import java.io.\*;

import java.io.OutputStream;

import java.net.\*;

class client{

public static void main(String[] args) throws IOException

{

Socket clisock=new Socket("127.0.0.1",3000);

InputStream is=clisock.getInputStream();

BufferedReader bread=new BufferedReader(new InputStreamReader(is));

String rmsg;

FileWriter fw=new FileWriter("client.txt");

while(true)

{

try{

if((rmsg=bread.readLine())!=null)

{

System.out.println(rmsg);

fw.write(rmsg);

//bread.flush();

fw.close(); }

}

catch(Exception e)

{

System.out.println("Transfer Successful");

System.exit(0);

}

}

}

}

output

