EX NO:3(C) FILE TRANSFER APPLICATION USING TCP SOCKETS

PROGRAM;

FTPServer.java:

import java.io.\*;

import java.net.\*;

public class FTPServer

{

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

{

ServerSocket ss=new ServerSocket(1024);

System.out.println("ServerSocket Generated");

Socket s=ss.accept();

System.out.println("ServerSocket Accepted");

BufferedReader br=new BufferedReader(new

InputStreamReader(System.in));

PrintStream p=new PrintStream(s.getOutputStream());

String fname,str;

System.out.println("Enter a File Name:");

fname=br.readLine();

File f1=new File(fname);

if(f1.exists())

{BufferedReader br1=new BufferedReader(new

FileReader(fname));

while((str=br1.readLine())!=null)

p.println(str);

}

p.close();

}

}

FTPClient:

import java.io.\*;

import java.net.\*;

public class FTPClient

{

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

{

InetAddress ia=InetAddress.getLocalHost();

Socket s=new Socket(ia,1024);

String fname,str;

System.out.println("Enter a new File Name:");

BufferedReader br=new BufferedReader(new

InputStreamReader(System.in));

fname=br.readLine();

File f1=new File(fname);

PrintWriter p=new PrintWriter(new FileWriter(fname));

BufferedReader br1=new BufferedReader(new

InputStreamReader(s.getInputStream()));

while((str=br1.readLine())!=null)

p.println(str);

p.close();

s.close();

}

}

OUTPUT:



