TCP CLIENT PROG:

import java.net.\*;

import java.io.\*;

public class maniclient1

{

public static void main(String arg[])

{

Socket s =null;

PrintWriter out =null;

BufferedReader in =null;

BufferedReader stdin =null;

try

{

s = new Socket(InetAddress.getLocalHost(),3333);

}

catch (UnknownHostException e)

{

System.out.println("Could not connect");

System.exit(-1);

}

catch (IOException e)

{

System.out.println("Could not listen on port: 3333");

System.exit(-1);

}

try

{

out = new PrintWriter(s.getOutputStream(), true);

in = new BufferedReader(new InputStreamReader(

s.getInputStream()));

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

while(true)

{

String fromServer = in.readLine();

System.out.println("Server: " + fromServer);

if(fromServer.equals("bye"))

//System.exit(0);

break;

System.out.println("Enter ur data to tranfer");

String toServer = stdin.readLine();

out.println( toServer);

if(toServer.equals("bye"))

//System.exit(0);

break;

}

}

catch (IOException e)

{

System.out.println("Could not listen on port: 4444");

System.exit(-1);

}

try

{

out.close();

in.close();

stdin.close();

s.close();

}

catch (Exception e)

{

System.out.println(e);

System.exit(-1);

}

}

}

TCP SERVER:

import java.net.\*;

import java.io.\*;

public class maniserver

{

public static void main(String arg[])

{

ServerSocket serverSocket=null;

Socket clientSocket= null;

PrintWriter out = null;

BufferedReader in =null;

BufferedReader stdin =null;

try

{

serverSocket = new ServerSocket(3333);

System.out.println("Server started");

}

catch (IOException e)

{

System.out.println("Could not listen on port: 3333");

System.exit(-1);

}

try

{

clientSocket = serverSocket.accept();

System.out.println("Connection creaed to " + clientSocket);

out = new PrintWriter(

clientSocket.getOutputStream(), true);

in = new BufferedReader(

new InputStreamReader(

clientSocket.getInputStream()));

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

String inputLine, outputLine ="Now v start the communications";

out.println(outputLine);

while(true)

{

inputLine = in.readLine();

System.out.println("Client:" + inputLine);

if(inputLine.equals("bye"))

//System.exit(-1);

break;

System.out.println("Enter data to transfer");

outputLine = stdin.readLine();

out.println(outputLine);

if(outputLine.equals("bye"))

//System.exit(-1);

break;

}

out.close();

in.close();

clientSocket.close();

serverSocket.close();

}

catch (IOException e)

{

System.out.println("Accept failed: 4444");

System.exit(-1);

}

}//end of main

}//end of class