To establish a connection that makes the server echo the messages sent by client

**CLIENT PROGRAM**

import java.net.\*;

import java.io.\*;

import java.util.\*;

class client

{

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

{

Socket s=new Socket("127.0.0.1",4000);

DataOutputStream dos= new DataOutputStream(s.getOutputStream());

DataInputStream dis=new DataInputStream(s.getInputStream());

Scanner sc= new Scanner(System.in);

System.out.println("enter msg to server");

String str=sc.nextLine();

dos.writeUTF(str);

String str1=dis.readUTF();

System.out.println("message echoed from server is "+str1);

dis.close();

dos.close();

s.close();

}

}

**OUTPUT:**

enter msg to server

hi server

message echoed from server is hi server

**SERVER PROGRAM**

import java.net.\*;

import java.io.\*;

class server

{

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

{

ServerSocket ss=new ServerSocket(4000);

Socket s=ss.accept();

DataInputStream dis=new DataInputStream(s.getInputStream());

DataOutputStream dos= new DataOutputStream(s.getOutputStream());

String str=dis.readUTF();

dos.writeUTF(str);

dos.close();

dis.close();

s.close();

ss.close();

}

}