**MyServer.java :-**

import java.io.\*;

import java.net.\*;

import java.util.Scanner;

public class MyServer

{

ServerSocket ss;

Socket s;

DataInputStream dis;

DataOutputStream dos;

Scanner sc=new Scanner(System.in);

public MyServer()

{

String msg,rep;

try

{

ss=new ServerSocket(1969);

s=ss.accept();

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

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

while(true)

{

msg=dis.readUTF();

System.out.println("Client Says : "+msg);

System.out.println("Enter Message : ");

rep=sc.nextLine();

dos.writeUTF(rep);

if(rep.equalsIgnoreCase("stop"))

{

dos.flush();

dos.close();

dis.close();

s.close();

ss.close();

}

}

}

catch(Exception e) {}

}

public static void main(String[] args)

{

new MyServer();

}

}

**MyClient.java :-**

import java.io.\*;

import java.net.\*;

import java.util.Scanner;

public class MyClient

{

Socket s;

DataInputStream dis;

DataOutputStream dos;

Scanner sc=new Scanner(System.in);

public MyClient()

{

String msg,rep;

try

{

s=new Socket("localhost",1969);

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

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

while(true)

{

System.out.println("Enter Message : ");

msg=sc.nextLine();

dos.writeUTF(msg);

rep=dis.readUTF();

if(msg.equalsIgnoreCase("stop"))

{

dos.flush();

dos.close();

dis.close();

s.close();

}

System.out.println("Server Says : "+rep);

}

}

catch(Exception e) {}

}

public static void main(String[] args)

{

new MyClient();

}

}

**Server Output :-**

C:\Users\Administrator\eclipse-workspace\TCPP2PChat\src>java MyServer

Client Says : Hi

Enter Message :

Hello

Client Says : How are you?

Enter Message :

Fine

Client Says : Stop

Enter Message :

Stop

**Client Output :-**

C:\Users\Administrator\eclipse-workspace\TCPP2PChat\src>java MyClient

Enter Message :

Hi

Server Says : Hello

Enter Message :

How are you?

Server Says : Fine

Enter Message :

Stop

Server Says : Stop

Enter Message :

Bye