```java
import java.net.*;

import java.io.*;

import java.util.*;

class MyClient{

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

Socket s=new Socket("localhost",3333);

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

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

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


String str="",str2="";

while(!str.equals("stop")){

System.out.print("Enter number: ");

//str=br.readLine();

Scanner sc = new Scanner(System.in);

int n = 10;

n = sc.nextInt();

//dout.writeUTF(str);

//dout.writeUTF("Hello guys Chai Peelo");

dout.writeUTF(Integer.toString(n));

dout.flush();

str2=din.readUTF();

System.out.println("Server says: "+str2);

}


dout.close();

s.close();

}}


import java.net.*;
```

```java
import java.io.*;

class Server{

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

ServerSocket ss=new ServerSocket(3333);

Socket s=ss.accept();

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

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

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


String str="",str2="";String num;

while(!str.equals("stop")){

num=din.readUTF();

//System.out.println("client says: "+str);

System.out.println("Number given by client: "+num);

int n = Integer.parseInt(num);

int square = n*n;

System.out.println("Square of Number given by client: "+square);

//str2=br.readLine();

dout.writeUTF("Square of Number given by you: "+square);

dout.flush();

}

din.close();

s.close();

ss.close();

}}
```

Output:

Client:

Microsoft Windows [Version 10.0.22621.2428]

C:\Users\Rishab\OneDrive\Desktop\CN Experiments>javac MyClient.java

C:\Users\Rishab\OneDrive\Desktop\CN Experiments>java MyClient

Enter number: 4

Server says: Square of Number given by you: 16

Server:

Microsoft Windows [Version 10.0.22621.2428]

C:\Users\Rishab\OneDrive\Desktop\CN Experiments>javac Server.java

C:\Users\Rishab\OneDrive\Desktop\CN Experiments>java Server

Number given by client: 4

Square of Number given by client: 16