

SOURCE CODE

```
import java.io.*;
import java.net.*;
class tserver                      // TSERVER
{
public static void main(String a[])
{
BufferedReader br2=null,br3=null;
PrintWriter pw=null;
Socket cc;
ServerSocket ss;
String s;
try
{
ss=new ServerSocket(3008);
cc=ss.accept();
br2=new BufferedReader(new InputStreamReader(System.in));
br3=new BufferedReader(new InputStreamReader(cc.getInputStream()));
pw=new PrintWriter(cc.getOutputStream(),true);
while(true)
{
String str2=br3.readLine();
System.out.println(str2);
if(str2.equals("bye"))
break;
s=br2.readLine();
pw.println(s);
}
}
catch(Exception e){}
}
}
```

```
import java.io.*;
import java.net.*;
class tclient                      // TCLIENT
{
public static void main(String a[])
{
BufferedReader br=null,br1=null;
PrintWriter pw=null;
Socket c;
String str;
try
{
c=new Socket("localhost",3008);
br=new BufferedReader(new InputStreamReader(System.in));
br1=new BufferedReader(new InputStreamReader(c.getInputStream()));
pw=new PrintWriter(c.getOutputStream(),true);
while(true)
{
str=br.readLine();
```

```
pw.println(str);
String s=brl.readLine();
System.out.println(s);
if(s.equals("bye"))
break;
}
}
catch(Exception e){}
}
}
```

OUTPUT

```
student@HGACPL0##:~/Jowin$ javac tserver.java
student@HGACPL0##:~/Jowin$ java tserver
hai
```

```
student@HGACPL0##:~/Jowin$ javac tclient.java
student@HGACPL0##:~/Jowin$ java tclient
hai
```