

**Server Program :**

```
import java.net.*;
import java.io.*;
public class server
{
    public static void main(String args[])throws IOException
    {
        ServerSocket s=new ServerSocket(1234);
        Socket s1=s.accept();
        OutputStream s1out=s1.getOutputStream();
        DataOutputStream dos =new DataOutputStream(s1out);
        dos.writeUTF("** By the Order of Peakay Blinder :Shxvm **");
        dos.close();
        s1.close();
    }
}
```

**Client Program :**

```
import java.net.*;
import java.io.*;
public class client
{
    public static void main(String args[])throws IOException
    {
        Socket c1=new Socket("localhost",1234);
        InputStream s1=c1.getInputStream();
        DataInputStream dis=new DataInputStream(s1);
        String st=new String(dis.readUTF());
        System.out.println(st);
        dis.close();
        s1.close();
        c1.close();
    }
}
```



The image shows two terminal windows. The top window shows the compilation and execution of the server program: `gedit server.java`, `javac server.java`, and `java server`. The bottom window shows the compilation and execution of the client program: `gedit client.java`, `javac client.java`, and `java client`. The output of the client program is `** By the Order of Peakay Blinder :Shxvm **`.

```
computer@computer: ~/Desktop/shivam
File Edit View Search Terminal Help
(base) computer@computer:~/Desktop/shivam$ gedit server.java
(base) computer@computer:~/Desktop/shivam$ javac server.java
(base) computer@computer:~/Desktop/shivam$ java server
(base) computer@computer:~/Desktop/shivam$ _

computer@computer: ~/Desktop/shivam
File Edit View Search Terminal Help
(base) computer@computer:~/Desktop/shivam$ gedit client.java
(base) computer@computer:~/Desktop/shivam$ javac client.java
(base) computer@computer:~/Desktop/shivam$ java client
** By the Order of Peakay Blinder :Shxvm **
(base) computer@computer:~/Desktop/shivam$ _
```