Client output:

```
| Type | Service | Service
```

Server output:

```
| District State Serverted and Formation | District State | District State
```

Server source code:

```
import java.net.*;
import java.io.*;
import java.util.*;
public class server {
    public static void main(String[] args) {
```

```
ServerSocket server = null;
            server = new ServerSocket( 5000, 10 ); // create
            System.out.println("Server is Running on port 5000");
        catch (Exception ex) {
            System.err.println(ex);
            System.out.println("Waiting for Client to Connect");
            Socket client = server.accept();
            Thread r = new serverRead(client);
            Thread w = new serverWrite(client);
            w.start();
        catch (Exception ex) {
            System.err.println(ex);
class serverRead extends Thread {
    private Socket connection;
        connection = con;
            ObjectInputStream in = new ObjectInputStream(
connection.getInputStream() );
            String message;
            while (true) {
                message = ( String ) in.readObject();
                System.out.println ("Server reads : " + message);
        catch (Exception ex) {
            System.err.println(ex);
class serverWrite extends Thread {
    private Socket connection;
       connection = con;
    public void run() {
            ObjectOutputStream out = new ObjectOutputStream(
connection.getOutputStream() );
            String message;
            Scanner s = new Scanner(System.in);
```

Client source code:

```
import java.util.*;
public class client {
    public static void main(String[] args) {
        Socket client = null;
            client = new Socket( "localhost",5000 );
            System.out.println("Client is connected to Server");
        catch (Exception ex) {
           System.err.println(ex);
            Thread r = new clientRead(client);
            Thread w = new clientWrite(client);
            w.start();
            r.start();
        catch (Exception ex) {
            System.err.println(ex);
    private Socket connection;
    public clientRead(Socket con) {
        connection = con;
            ObjectInputStream in = new ObjectInputStream(
connection.getInputStream() );
            String message;
                message = ( String ) in.readObject();
                System.out.println ("Client reads : " + message);
```