

```
1  package tcp;
2
3  import java.io.*;
4  import java.net.*;
5
6  public class TCPServer {
7      public ServerSocket listenSocket = null;
8      public InetSocketAddress address = null;
9
10     public TCPServer(InetSocketAddress address) {
11         this.address = address;
12     }
13
14     public void start() {
15         try {
16             this.listenSocket = new ServerSocket();
17             this.listenSocket.bind(address);
18
19             System.out.println("Server Started!");
20
21             while(true) {
22                 Socket serviceSocket = listenSocket.accept();
23                 ObjectInputStream in = new
24                     ObjectInputStream(serviceSocket.getInputStream());
25                 ObjectOutputStream out = new
26                     ObjectOutputStream(serviceSocket.getOutputStream());
27                 out.flush();
28
29                 String message = (String) in.readObject();
30                 System.out.println("Server Received:" + message);
31                 out.writeObject(message);
32             }
33         }
34         catch (Exception e) {
35             e.printStackTrace();
36         }
37     }
38
39     public static void main(String args[]) {
40         int port = 8888;
41         InetSocketAddress serverAddress = new InetSocketAddress(port);
42
43         TCPServer server = new TCPServer(serverAddress);
44         server.start();
45     }
46 }
47
```