

```
1 import java.util.*;
2 import java.io.*;
3 import server.*;
4 import common.*;
5 import ocsf.server.ObservableOriginatorServer;
6
7 public class ServerConsole implements ChatIF {
8     final public static int DEFAULT_PORT = 5555;
9
10    EchoServer server;
11
12    public ServerConsole(ObservableOriginatorServer ooserver) throws IOException {
13        server = new EchoServer(ooserver, this);
14    }
15
16    public void display(String message) {
17        System.out.println(message);
18    }
19
20    public void accept() {
21        try {
22            BufferedReader fromConsole = new BufferedReader(new
23                InputStreamReader(System.in));
24            String message;
25            try {
26                while (true) {
27                    message = fromConsole.readLine();
28                    server.handleMessageFromServerUI(message);
29                }
30            } catch (NullPointerException e) {}
31        } catch (Exception ex) {
32            ex.printStackTrace();
33            display("ERROR!");
34        }
35
36    public static void main(String[] args) {
37        int port = 0; //Port to listen on
38
39        try {
40            port = Integer.parseInt(args[0]); //Get port from command line
41        } catch (ArrayIndexOutOfBoundsException e) {
42            port = DEFAULT_PORT; //Set port to 5555
43        }
44
45        try {
46            ObservableOriginatorServer ooserver= new ObservableOriginatorServer(port);
47            ServerConsole sv = new ServerConsole(ooserver);
48            sv.accept();
49        } catch (IOException e) {
50            System.out.println("Could not start listening for clients.");
51        }
52    }
53 }
```