

APPLICATION USING TCP SOCKETS : ECHO CLIENT AND ECHO SERVER

Source code:

```
import java.io.*;
import java.net.*;

public class EchoClient {

    public static void main(String[] args) {

        try (Socket socket = new Socket("localhost", 7390)) {

            BufferedReader input = new BufferedReader(new InputStreamReader(System.in));

            PrintWriter out = new PrintWriter(socket.getOutputStream(), true);

            BufferedReader in = new BufferedReader(new
InputStreamReader(socket.getInputStream()));

            String userInput;

            System.out.println("Connected to server. Type a message:");

            while ((userInput = input.readLine()) != null) {

                out.println(userInput);

                String response = in.readLine();

                System.out.println("Server: " + response);

            }

        } catch (IOException e) {

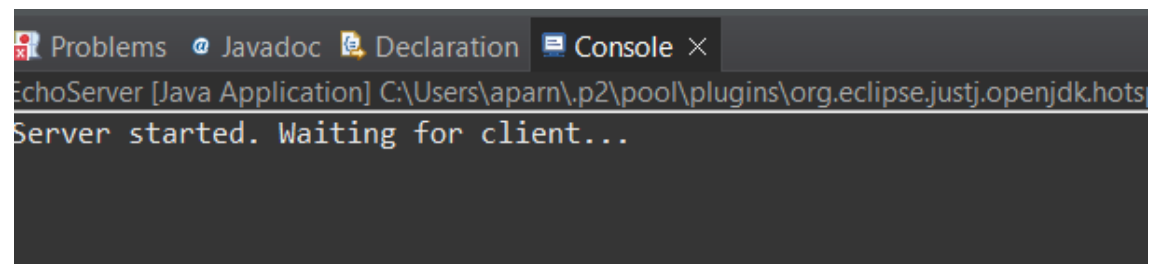
            e.printStackTrace();

        }

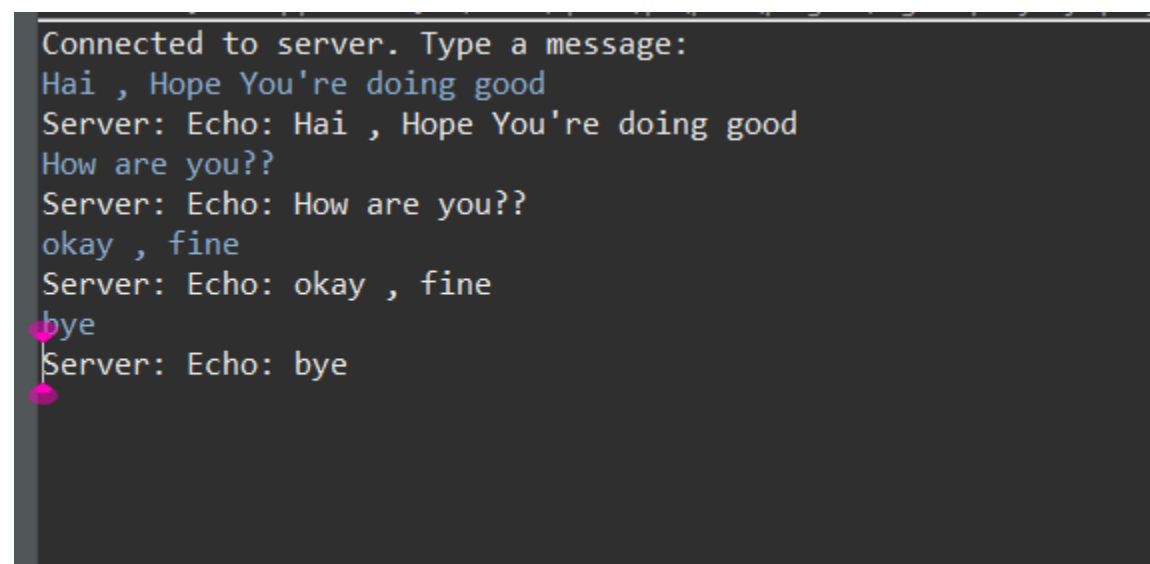
    }

}
```

OUTPUT:



```
Problems Javadoc Declaration Console ×
EchoServer [Java Application] C:\Users\aparn\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64.jre\bin\java.exe
Server started. Waiting for client...
```



```
Connected to server. Type a message:
Hai , Hope You're doing good
Server: Echo: Hai , Hope You're doing good
How are you??
Server: Echo: How are you??
okay , fine
Server: Echo: okay , fine
bye
Server: Echo: bye
```