

## SERVER

```
import java.net.ServerSocket;
import java.net.Socket;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.OutputStream;
import java.io.PrintStream;
import java.io.InputStreamReader;

public class ServerSide
{
    public static void main(String[] args) throws IOException
    {
        ServerSocket s = new ServerSocket(2019);
        System.out.println("Server Started, waiting for client");

        Socket s1 = s.accept();

        // Client Send
        BufferedReader br = new BufferedReader(
            new InputStreamReader(s1.getInputStream())
        );

        OutputStream out = s1.getOutputStream();
        PrintStream ps = new PrintStream(out);

        BufferedReader br1 = new BufferedReader(
            new InputStreamReader(System.in)
        );

        do{
            String res = br.readLine();

            System.out.println("Client Send: "+res);

            System.out.print("Server: ");
            String msg = br1.readLine();
            System.out.print("\n\n");
            ps.println(msg);

        }
        while(true);
    }
}
```

## CLIENT

```
import java.net.Socket;
import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.io.OutputStream;
import java.io.PrintStream;

public class ClientSice
{
    public static void main(String[] args) throws IOException {
        Socket s = new Socket("localhost",2019);

        System.out.println("Client Started, waiting for server response..");

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

        OutputStream os = s.getOutputStream();

        BufferedReader br1 = new BufferedReader(
            new InputStreamReader(s.getInputStream())
        );

        PrintStream ps = new PrintStream(os);

        do
        {
            System.out.print("Client: ");
            String msg = br.readLine();

            ps.println(msg);

            String res = br1.readLine();

            System.out.println("Server Send:"+res+"\n\n");
        }
        while(true);
    }
}
```