Server Code : -

```java
import java.net.ServerSocket;
import java.net.Socket;
import java.util.*;
import java.io.*;

class Server{
        ServerSocket server;
        Socket socket;
        BufferedReader br;
        PrintWriter out;

        public Server(){
                try{
                        server = new ServerSocket(7777);
                        socket = server.accept();
                        System.out.println("...");
                        br = new BufferedReader(new InputStreamReader(socket.getInputStream()));
                        out = new PrintWriter(socket.getOutputStream());
                        startReading();
                        startWriting();
                }catch(Exception e){
                        System.out.println(e);
                }
        }
        public void startReading(){
                Runnable r1 = ()->{
                        while(true){
                                try{
                                        String msg = br.readLine();
                                        if(msg.equals("...")){
                                                System.out.println("Client terminated the chat");
                                                break;
                                        }
                                        System.out.println("Client: "+msg);
                                }catch(Exception e){
                                        System.out.println(e);
                                }
                        }
                };
                new Thread(r1).start();
        }
        public void startWriting(){
                Runnable r2 = ()->{
                        while(true){
                                try{
```

```java
                                        BufferedReader br1 =new BufferedReader(new InputStreamReader(System.in));
                                        String content = br1.readLine();
                                        out.println(content);
                                        out.flush();
                        }catch(Exception e){
                                        System.out.println(e);
                        }
                }
        };
        new Thread(r2).start();
}
public static void main(String[] args){
        System.out.println("This is server ");
        new Server();
}

}
```

Client Code :-

```java
import java.net.ServerSocket;
import java.net.Socket;
import java.util.*;
import java.io.*;

class Client{
        Socket socket;
        BufferedReader br;
        PrintWriter out;

        public Client(){
                try{
                        socket = new Socket("127.0.0.1", 7777);
                        System.out.println("...");
                        br = new BufferedReader(new InputStreamReader(socket.getInputStream()));
                        out = new PrintWriter(socket.getOutputStream());
                        startReading();
                        startWriting();
                }catch(Exception e){
                        System.out.println(e);
                }
        }

        public void startReading(){
                Runnable r1 = ()->{
                        while(true){
```

```java
                try{
                        String msg = br.readLine();
                        if(msg.equals("...")){
                                System.out.println("Server terminated the chat");
                                break;
                        }
                        System.out.println("Server: "+msg);
                }catch(Exception e){
                        System.out.println(e);
                }
            }
        };
        new Thread(r1).start();
    }
    public void startWriting(){
        Runnable r2 = ()->{
                while(true){
                        try{
                                BufferedReader br1 =new BufferedReader(new InputStreamReader(System.in));
                                String content = br1.readLine();
                                out.println(content);
                                out.flush();
                        }catch(Exception e){
                                System.out.println(e);
                        }
                }
        };
        new Thread(r2).start();
    }
    public static void main(String[] args){
            System.out.println("This is Client ");
            new Client();
    }

}
```
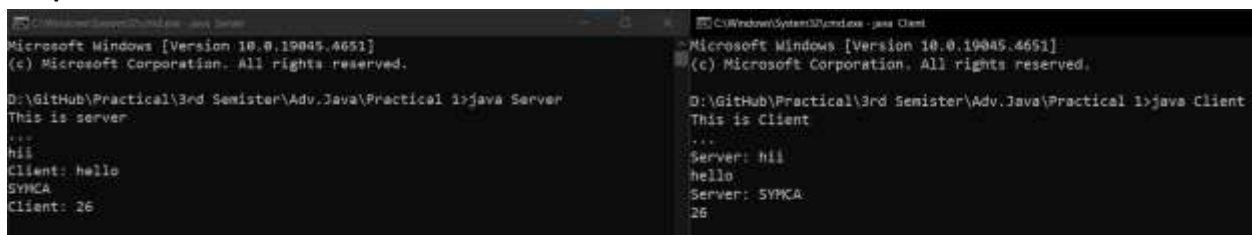
Output :-