```java
import java.io.DataOutputStream;
import java.net.Socket;
public class Server_1 {
    public static void main(String[] args) {
        try {
            Socket s = new Socket(host: "localhost", port: 1111);
            DataOutputStream dout= new DataOutputStream(s.getOutputStream());
            dout.writeUTF(str: "This Is Server");
            dout.flush();
            dout.close();
            s.close();
        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

```java
import java.io.DataInputStream;
import java.net.ServerSocket;
import java.net.Socket;

public class Client_1 {
    public static void main(String[] args) {
        try {
            ServerSocket ss = new ServerSocket(port: 1111);
            Socket  s = ss.accept();
            DataInputStream din  = new DataInputStream(s.getInputStream());
            String str1= (String)din.readUTF();
            System.out.println("Message:"+str1);
            din.close();
            ss.close();

        } catch(Exception e) {
            System.out.println(e);
        }
    }
}
```

```
Client_1

Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Client_1.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Client_1
Message:This Is Server

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```

```
Server_1

Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Server_1.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Server_1

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```

```java
import java.io.DataOutputStream;
import java.net.Socket;

public class Client_2 {
    Run | Debug
    public static void main(String[] args) {
        try {
            Socket s = new Socket(host: "localhost", port: 1000);
            DataOutputStream dout= new DataOutputStream(s.getOutputStream());
            dout.writeUTF(str: "This Is Client");
            dout.flush();
            dout.close();
            s.close();
        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```

```java
import java.io.DataInputStream;
import java.net.ServerSocket;
import java.net.Socket;

public class Server_2 {
    Run | Debug
    public static void main(String[] args) {
        try {
            ServerSocket ss = new ServerSocket(port: 1000);
            Socket  s = ss.accept();
            DataInputStream din  = new DataInputStream(s.getInputStream());
            String str1= (String)din.readUTF();
            System.out.println("Message:"+str1);
            din.close();
            ss.close();

        } catch(Exception e) {
            System.out.println(e);
        }
    }
}
```

```
Client_2                            —   □   X

Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Client_2.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Client_2

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```

```
Server_2                            —   □   X

Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Server_2.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Server_2
Message:This Is Client

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```

```java
1    import java.io.*;
2    import java.net.*;
3    import java.net.ServerSocket;
4    public class Server_3 {
       Run | Debug
5        public static void main(String[] args) throws IOException {
6            ServerSocket ss = new ServerSocket(port: 1500);
7            Socket s = ss.accept();
8            DataInputStream din = new DataInputStream(s.getInputStream());
9            DataOutputStream dout = new DataOutputStream(s.getOutputStream());
10           BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
11           String msg="",masg1="";
12           while(!msg.equals(anObject: "Exit")){
13               msg=din.readUTF();
14               System.out.println("Client-->"+msg);
15               masg1 = br.readLine();
16               dout.writeUTF(masg1);
17           }
18           dout.flush();
19           din.close();
20           ss.close();
21       }
22    }
```

```java
1    import java.io.*;
2    import java.net.Socket;
3    import java.net.UnknownHostException;
4    public class Client_3 {
       Run | Debug
5        public static void main(String[] args)  throws UnknownHostException,IOException{
6            Socket s = new Socket(host: "localhost",port: 1500);
7            DataInputStream din = new DataInputStream(s.getInputStream());
8            DataOutputStream dout = new DataOutputStream(s.getOutputStream());
9            BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
10           String msg="",msg1="";
11           while(!msg.equals(anObject: "Exit")){
12               msg = br.readLine();
13               dout.writeUTF(msg);
14               dout.flush();
15               msg1=din.readUTF();
16               System.out.println("Server-->"+msg1);
17           }
18           dout.close();
19           s.close();
20       }
21    }
22
```

Client_3 terminal:
```
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Client_3.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Client_3
hellow
Server-->how are you
what is your No..
Server-->1234
ok
Server-->Exit
Exit
Server-->Exit

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```

Server_3 terminal:
```
Microsoft Windows [Version 10.0.22621.1105]
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C:\Users\viraj\OneDrive\Desktop\Advance_Java>javac Server_3.java

C:\Users\viraj\OneDrive\Desktop\Advance_Java>java Server_3
Client-->hellow
how are you
Client-->what is your No..
1234
Client-->ok
Exit
Client-->Exit
Exit

C:\Users\viraj\OneDrive\Desktop\Advance_Java>
```