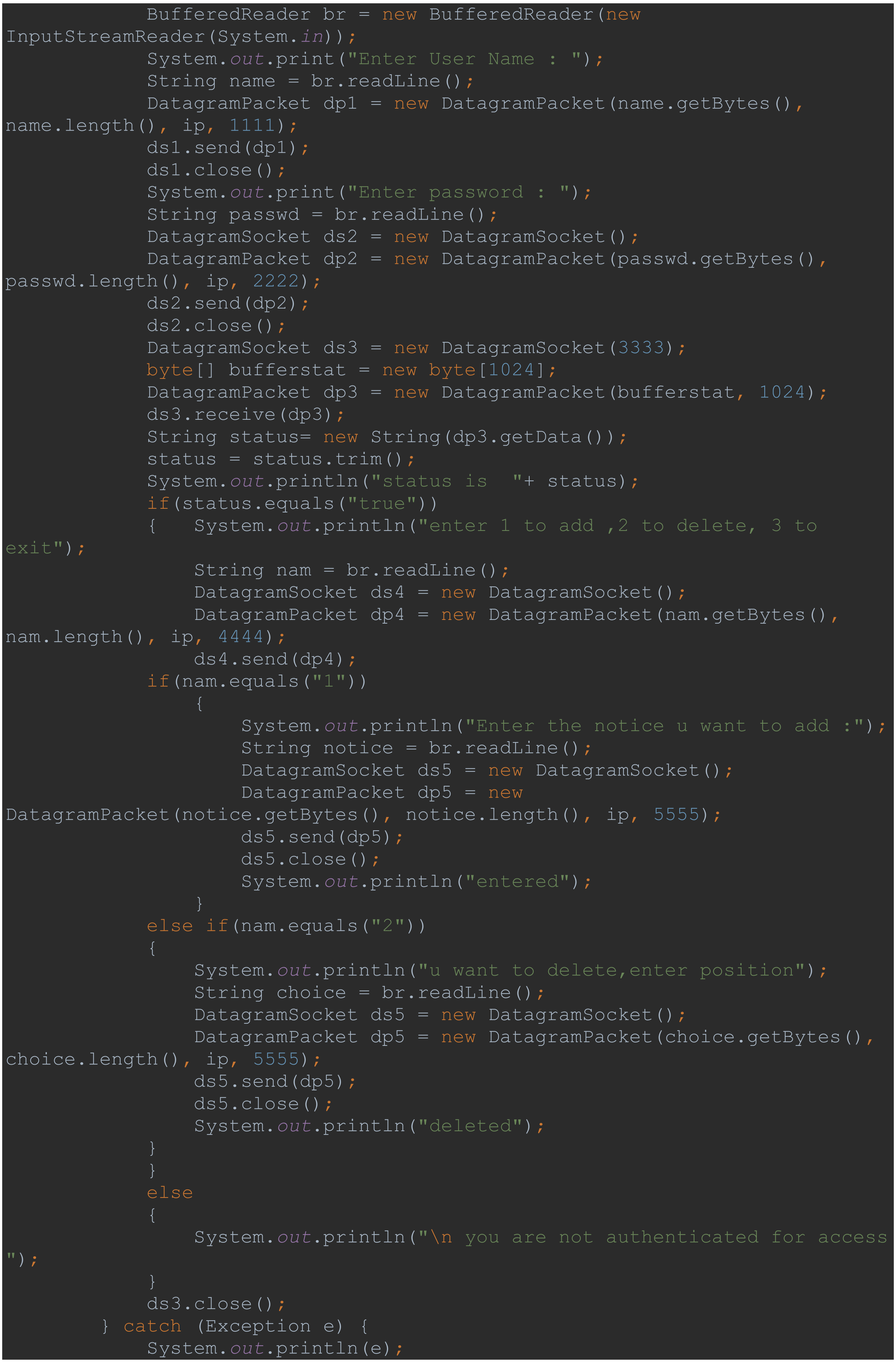
Boardserver

```
import java.net.*;
import java.io.*;
import java.util.ArrayList;
public class boardServer  {

    public static void main(String[] args) {
        try {
            ArrayList<String> str = new ArrayList<String>();
            str.add("notice1");
            str.add("notice2");
            str.add("notice3");
            str.add("notice4");
            str.add("notice5");
            System.out.println("ArrayList : " + str);
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds4 = new DatagramSocket(4444);
            byte[] buffer1 = new byte[1024];
            DatagramPacket dp4 = new DatagramPacket(buffer1, 1024);
            DatagramSocket ds5 = new DatagramSocket(5555);
            byte[] buffer2 = new byte[1024];
            DatagramPacket dp5 = new DatagramPacket(buffer2, 1024);
            ds4.receive(dp4);
            String choice = new String(dp4.getData());
            choice=choice.trim();
            //System.out.println("choice received"+choice);
            ds5.receive(dp5);
            String notice = new String(dp5.getData());
            notice = notice.trim();
            if(choice.equals("1"))
            {
                str.add(notice);
            }
            else
            {
                int c=Integer.parseInt(choice);
                System.out.println("notices : " + str);
                str.remove(c);
            }
            System.out.println("\n current notices: " + str);
            ds4.close();
            //System.out.println(notice);
        } catch (Exception e) {
            e.printStackTrace();
        }

    }}
```

cliend

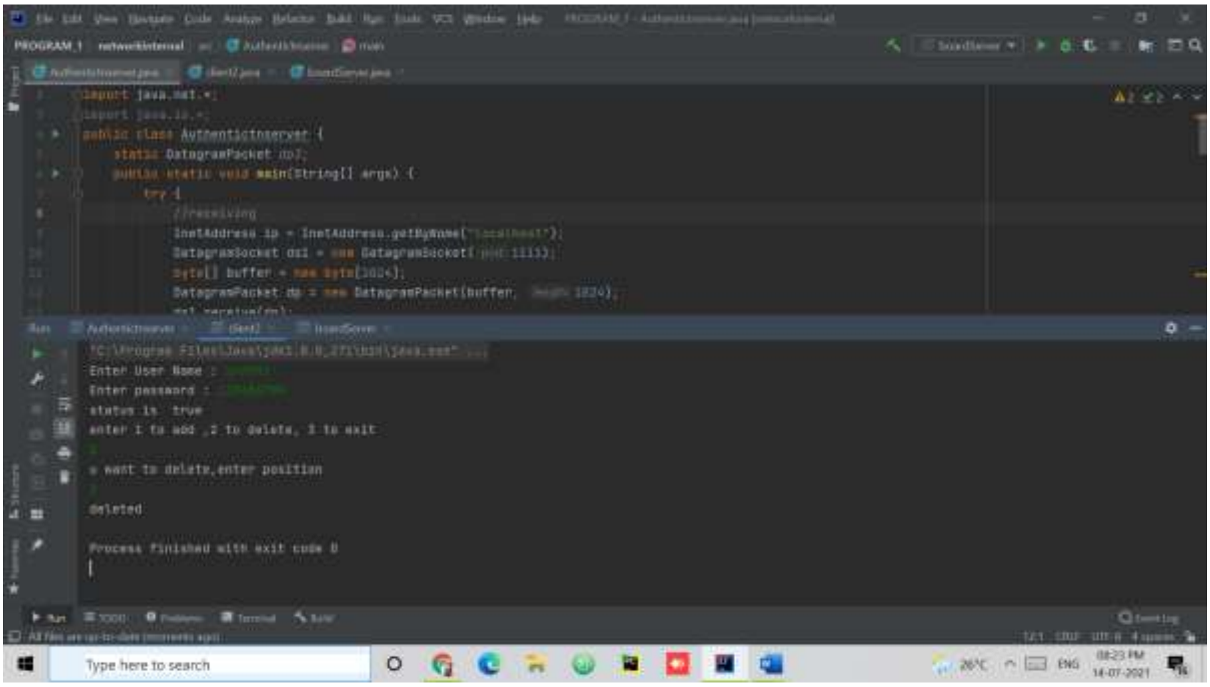
```
import java.net.*;
import java.io.*;
public class client2 {
    public static void main(String[] args) {
        try {
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds1 = new DatagramSocket();
```



```
            BufferedReader br = new BufferedReader(new
InputStreamReader(System.in));
            System.out.print("Enter User Name : ");
            String name = br.readLine();
            DatagramPacket dp1 = new DatagramPacket(name.getBytes(),
name.length(), ip, 1111);
            ds1.send(dp1);
            ds1.close();
            System.out.print("Enter password : ");
            String passwd = br.readLine();
            DatagramSocket ds2 = new DatagramSocket();
            DatagramPacket dp2 = new DatagramPacket(passwd.getBytes(),
passwd.length(), ip, 2222);
            ds2.send(dp2);
            ds2.close();
            DatagramSocket ds3 = new DatagramSocket(3333);
            byte[] bufferstat = new byte[1024];
            DatagramPacket dp3 = new DatagramPacket(bufferstat, 1024);
            ds3.receive(dp3);
            String status= new String(dp3.getData());
            status = status.trim();
            System.out.println("status is  "+ status);
            if(status.equals("true"))
            {   System.out.println("enter 1 to add ,2 to delete, 3 to
exit");
                String nam = br.readLine();
                DatagramSocket ds4 = new DatagramSocket();
                DatagramPacket dp4 = new DatagramPacket(nam.getBytes(),
nam.length(), ip, 4444);
                ds4.send(dp4);
            if(nam.equals("1"))
                {
                    System.out.println("Enter the notice u want to add :");
                    String notice = br.readLine();
                    DatagramSocket ds5 = new DatagramSocket();
                    DatagramPacket dp5 = new
DatagramPacket(notice.getBytes(), notice.length(), ip, 5555);
                    ds5.send(dp5);
                    ds5.close();
                    System.out.println("entered");
                }
            else if(nam.equals("2"))
            {
                System.out.println("u want to delete,enter position");
                String choice = br.readLine();
                DatagramSocket ds5 = new DatagramSocket();
                DatagramPacket dp5 = new DatagramPacket(choice.getBytes(),
choice.length(), ip, 5555);
                ds5.send(dp5);
                ds5.close();
                System.out.println("deleted");
            }
            }
            else
            {
                System.out.println("\n you are not authenticated for access
");
            }
            ds3.close();
        } catch (Exception e) {
            System.out.println(e);
        }

    }
}
```

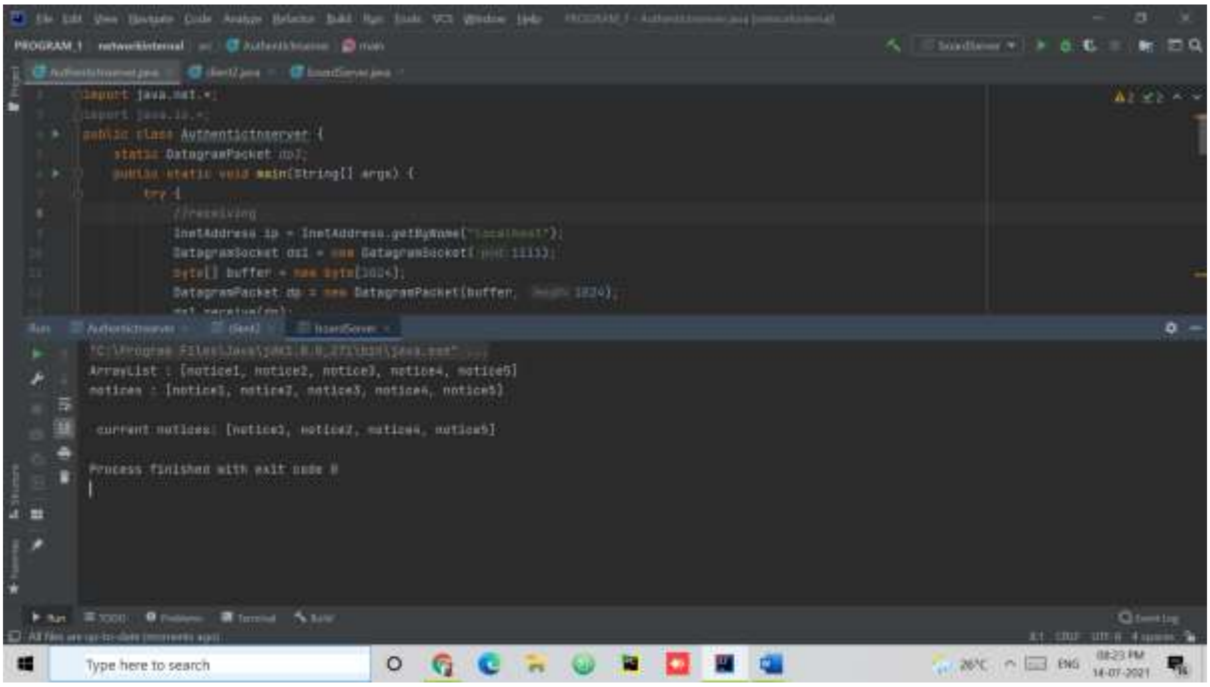
authnticatn

```
import java.net.*;
import java.io.*;
public class Authentictnserver {
    static DatagramPacket dp3;
    public static void main(String[] args) {
        try {
            //receiving
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds1 = new DatagramSocket(1111);
            byte[] buffer = new byte[1024];
            DatagramPacket dp = new DatagramPacket(buffer, 1024);
            ds1.receive(dp);
            String name = new String(dp.getData());
            name = name.trim();
            ds1.close();
            System.out.println(name);

            DatagramSocket ds2 = new DatagramSocket(2222);
            byte[] bufferPass = new byte[1024];
            DatagramPacket dp2 = new DatagramPacket(bufferPass, 1024);
            ds2.receive(dp2);
            String passwd = new String(dp2.getData());
            passwd = passwd.trim();
            ds2.close();
            System.out.println(passwd);
            //send

            DatagramSocket ds3 = new DatagramSocket();
            String status="false";

            if (name.equalsIgnoreCase("sruthi") &&
passwd.equals("123456789"))
            {
                System.out.println("Valid User");
                status="true";

            }
            else
            {
                System.out.println("Wrong !");
            }
            dp3 = new DatagramPacket(status.getBytes(), status.length(),
ip, 3333);
            ds3.send(dp3);
            ds3.close();
        } catch (Exception e) {
            System.out.println(e);
        }
    }
}
```



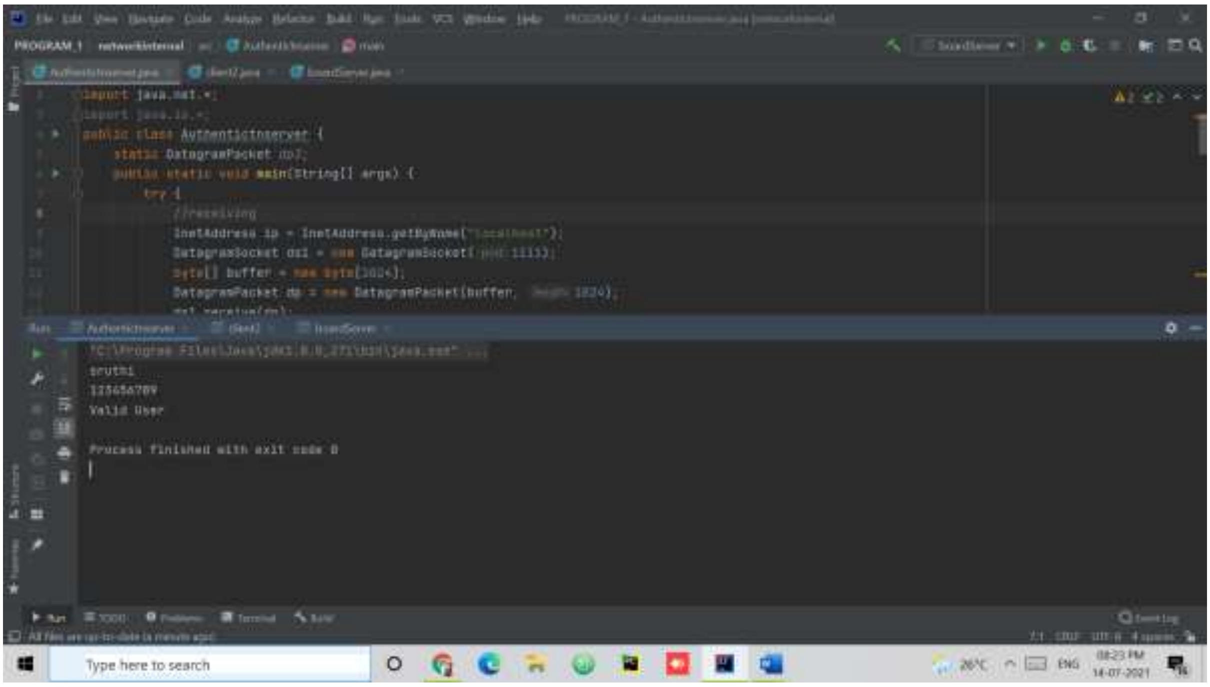
```
import java.net.*;
import java.io.*;
public class Authentictnserver {
    static DatagramPacket dp2;
    public static void main(String[] args) {
        try {
            //receiving
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds1 = new DatagramSocket( port: 1111);
            byte[] buffer = new byte[1024];
            DatagramPacket dp = new DatagramPacket(buffer,  length: 1024);
            ds1.receive(dp);
```

```
"C:\Program Files\Java\jdk1.8.0_271\bin\java.exe" ...
Enter User Name : [illegible]
Enter password : [illegible]
status is  true
enter 1 to add ,2 to delete, 3 to exit
2
u want to delete,enter position
3
deleted

Process finished with exit code 0
```



```
import java.net.*;
import java.io.*;
public class Authentictnserver {
    static DatagramPacket dp2;
    public static void main(String[] args) {
        try {
            //receiving
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds1 = new DatagramSocket( port: 1111);
            byte[] buffer = new byte[1024];
            DatagramPacket dp = new DatagramPacket(buffer,  length: 1024);
            ds1.receive(dp);
```

```
"C:\Program Files\Java\jdk1.8.0_271\bin\java.exe" ...
ArrayList : [notice1, notice2, notice3, notice4, notice5]
notices : [notice1, notice2, notice3, notice4, notice5]

 current notices: [notice1, notice2, notice4, notice5]

Process finished with exit code 0
```



```java
import java.net.*;
import java.io.*;
public class Authentictnserver {
    static DatagramPacket dp2;
    public static void main(String[] args) {
        try {
            //receiving
            InetAddress ip = InetAddress.getByName("localhost");
            DatagramSocket ds1 = new DatagramSocket( port: 1111);
            byte[] buffer = new byte[1024];
            DatagramPacket dp = new DatagramPacket(buffer,  length: 1024);
            ds1.receive(dp);
```

```
"C:\Program Files\Java\jdk1.8.0_271\bin\java.exe" ...
sruthi
123456789
Valid User

Process finished with exit code 0
```