1-Source Code

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

udpBaseClient.java | udpBaseServer.java | Key1.java

```java
import java.io.IOException;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.util.Scanner;

public class udpBaseClient
{
    public static void main(String args[]) throws IOException
    {
        Scanner sc = new Scanner(System.in);

        DatagramSocket ds = new DatagramSocket();

        InetAddress ip = InetAddress.getLocalHost();

        byte buf[] = null;

        while (true)
        {
            String inp = sc.nextLine();

            buf = inp.getBytes();

            DatagramPacket DpSend = new DatagramPacket(buf, buf.length, ip, 1234);

            ds.send(DpSend);

            if (inp.equals("bye"))
                break;
        }
    }
}
```

Java source file   length : 652   lines : 34   Ln : 7   C

Type here to search

File   Edit   Search   View   Encoding   Language   Settings   Tools   Macro   Run   Plugins   Window   ?

udpBaseClient.java   udpBaseServer.java   Key1.java

```java
import java.io.IOException;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.net.SocketException;

public class udpBaseServer{
    public static void main(String[] args) throws IOException{
        DatagramSocket ds = new DatagramSocket(1234);
        byte[] receive = new byte[65535];
        DatagramPacket DpReceive = null;
        while (true)
        {
            DpReceive = new DatagramPacket(receive, receive.length);
            ds.receive(DpReceive);
            System.out.println("Client:-" + data(receive));
            if (data(receive).toString().equals("bye"))
            {
                System.out.println("Client sent bye.....EXITING");
                break;
            }
            receive = new byte[65535];
        }
    }
    public static StringBuilder data(byte[] a)  {
        if (a == null)
            return null;
        StringBuilder ret = new StringBuilder();
        int i = 0;
        while (a[i] != 0)        {
            ret.append((char) a[i]);
            i++;
        }
        return ret;
    }
}
```

Java source file   length : 929   lines : 36   Ln : 7

Type here to search

output

```
C:\Users\DELL\Desktop>cd java end term

C:\Users\DELL\Desktop\java end term>javac udpBaseClient.java

C:\Users\DELL\Desktop\java end term>java udpBaseClient

astha
rawat
mca
practical
end term
bye
```

2 Source Code

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

udpBaseClient.java ☒   udpBaseServer.java ☒   Key1.java ☒

```java
import java.awt.*;
import java.applet.*;
import java.awt.event.*;
public class Key1 extends Applet implements KeyListener
{
    String a= "";
    public void init()
    {
        addKeyListener(this);
    }
    public void keyReleased(KeyEvent k)
    {
        showStatus("Key Released");
        repaint();
    }
     public void keyTyped(KeyEvent k)
    {
        showStatus("Key Typed");
        repaint();
    }
    public void keyPressed(KeyEvent k)
    {
        showStatus("Key Pressed");
        repaint();
    }
     public void paint(Graphics g)
    {
        g.drawString(a, 10, 10);
    }
}
```

Java source file   length : 633   lines : 31   Ln : 26

Type here to search

3 Source Code

File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?

Q3.java

```java
import java.io.*;
import java.io.*;
import java.io.IOException;
import java.util.*;
public class Q3 {
  public static void main(String[] args) {
    try {
      File myObj = new File("astha rawat");
      if (myObj.createNewFile())
      {
        System.out.println("File created with the name " + myObj.getName());
        FileWriter myWriter = new FileWriter("astha rawat");
        System.out.println("Enter Content");
        Scanner input = new Scanner(System.in);
        String str = input.nextLine();
        myWriter.write(str);
        myWriter.close();
        System.out.println("Data inside the file");
        String line = null;
        FileReader fileReader = new FileReader("astha rawat");
        BufferedReader bufferedReader = new BufferedReader(fileReader);
        while((line = bufferedReader.readLine()) != null)
        {
            System.out.println(line);
        }
        bufferedReader.close();
      }
      else {
        System.out.println("File already exists.");
      }
    }
    catch (IOException e) {
      System.out.println("An error occurred.");
      e.printStackTrace();
    }
  }
}
```

Java source file   length : 1,175   lines : 38   Ln : 19   Col : 28   Pos

Type here to search

Output

```
■ Command Prompt

Microsoft Windows [Version 10.0.19042.1110]
(c) Microsoft Corporation. All rights reserved.

C:\Users\DELL>cd desktop

C:\Users\DELL\Desktop>cd java end term

C:\Users\DELL\Desktop\java end term>javac Q3.java

C:\Users\DELL\Desktop\java end term>java Q3
File created with the name astha rawat
Enter Content
End term practical
Data inside the file
End term practical

C:\Users\DELL\Desktop\java end term>javac Q3.java

C:\Users\DELL\Desktop\java end term>java Q3
File already exists.

C:\Users\DELL\Desktop\java end term>
```