UDPServer - Notepad

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```
import java.io.IOException;
import java.net.DatagramPacket;
import java.net.DatagramSocket;
import java.net.InetAddress;
import java.net.SocketException;
public class UDPServer {
    private DatagramSocket udpSocket;
    private int port;

    public UDPServer(int port) throws SocketException, IOException {
        this.port = port;
        this.udpSocket = new DatagramSocket(this.port);
    }
    private void listen() throws Exception {
        System.out.println("-- Running Server at " + InetAddress.getLocalHost() + "--");
        String msg;

        while (true) {

            byte[] buf = new byte[256];
            DatagramPacket packet = new DatagramPacket(buf, buf.length);

            // blocks until a packet is received
            udpSocket.receive(packet);
            msg = new String(packet.getData()).trim();

            System.out.println(
                "Message from " + packet.getAddress().getHostAddress() + ": " + msg);
        }
    }

    public static void main(String[] args) throws Exception {
        UDPServer client = new UDPServer(Integer.parseInt(args[0]));
        client.listen();
    }
```

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KeyExample - Notepad

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```
import java.awt.*;
import java.awt.event.*;
public class KeyExample extends Frame implements KeyListener{
    Label l;
    TextArea area;
    KeyExample(){

        l=new Label();
        l.setBounds(20,50,100,20);
        area=new TextArea();
        area.setBounds(20,80,300, 300);
        area.addKeyListener(this);

        add(l);add(area);
        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }
    public void keyPressed(KeyEvent e) {
        l.setText("Key Pressed");
    }
    public void keyReleased(KeyEvent e) {
        l.setText("Key Released");
    }
    public void keyTyped(KeyEvent e) {
        l.setText("Key Typed");
    }
    public static void main(String[] args) {
        new KeyExample();
    }
}
```

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FileCreation - Notepad

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```
import java.io.*;
import java.io.IOException;
import java.util.*;

public class FileCreation {
  public static void main(String[] args) {
    try {
      File myObj = new File("filename");
      if (myObj.createNewFile())
      {
        System.out.println("File created with the name " + myObj.getName());


        // To read the write content on the File.....

        FileWriter myWriter = new FileWriter("Muskan");

        System.out.println("Hii!! My NAme is Muskan Pathak.I am persuing MCA from GEHU Dehradun.");
        Scanner input = new Scanner(System.in);
        String str = input.nextLine();
        myWriter.write(str);
        myWriter.close();

        // To show the output of the file.

        System.out.println("The content of the files are as follows");
        String line = null;
        FileReader fileReader = new FileReader("Muskan");

        BufferedReader bufferedReader = new BufferedReader(fileReader);

        while((line = bufferedReader.readLine()) != null)
        {
            System.out.println(line);
```

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FileCreation - Notepad

File Edit Format View Help

```
        FileWriter myWriter = new FileWriter("Muskan");

        System.out.println("Hii!! My NAme is Muskan Pathak.I am persuing MCA from GEHU Dehradun.");
        Scanner input = new Scanner(System.in);
        String str = input.nextLine();
        myWriter.write(str);
        myWriter.close();

        // To show the output of the file.

        System.out.println("The content of the files are as follows");
        String line = null;
        FileReader fileReader = new FileReader("Muskan");

        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();

    }
  }
}
```

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