

<pre> class Muster extends Panel{ // hier Referenzen fuer Komponenten // (Buttons, Textfields, Panels) vereinbaren Button OK; public Muster() { // Komponenten erzeugen und zu Oberflaeche zusammenbauen, } } class Figur{ double getCircumference(){return 0;} double getArea(){ return 0;} } class AWTFigur extends Panel{ Figur f; AWTFigur (Figur f) { this.f=f; } public void paint(Graphics g) { f.paint(g); } public Dimension getPreferredSize() {return new Dimension (f.getWidth()+200, f.getHeight()+200); } } public static void main(String args[]) { } public class Rectangle extends Figur{ public int w; //Breite public int h; //Höhe Rectangle (int breite, int hoehe){ this.w=breite; this.h=hoehe; } } public class String1 extends Figur{ public int x; public int y; String1(int m, int n){ this.x = m; } } public class Calculator1 extends Panel{ private double result=0; private double m=0; private String memorystring; private double memory; private String lastCommand = "="; private boolean start = true; ActionListener nl = new ActionListener(){ public void actionPerformed(ActionEvent e){ if(start) tf.setText(""); tf.setText(tf.getText()+e.getActionCommand()); start=false; } }; ActionListener clr = new ActionListener(){ public void actionPerformed(ActionEvent e){ tf.setText(""); start=true; } }; ActionListener mpl = new ActionListener(){ public void actionPerformed(ActionEvent e){ Double d = Double.parseDouble(tf.getText()); } } private TextField tf = new TextField(50); private static final String [][] buttonString = { {"M+", "7", "8", "9", "/"}, { "M-", "4", "5", "6", "*" }, { "MR", "1", "2", "3", "-" }, { "CE", "0", ".", "=", "+" } }; ActionListener als [][] = { {mpl, nl, nl, command}, {minus, nl, nl, nl, command}, {mr, nl, nl, nl, command}, {clr, nl, nl, command, command}}; CalcGridBag(){ int rows = buttonString.length; int cols = buttonString[0].length; setLayout(new GridBagLayout()); C.weightx = 1.0; C.weighty = 1.0; } import java.lang.*; import java.io.*; import java.awt.*; import java.awt.event.*; HexDumpArea(int rows, int cols) {super(rows, cols);} public String getHexString(){ String s=""; } } public class HexDumpPanel extends Panel{ private TextField tf = new TextField(70); HexDumpArea area = new HexDumpArea(20,50); } ActionListener url1 = new ActionListener(){ public void actionPerformed(ActionEvent e){ String eingabe = tf.getText(); URL url = null; try{url = new URL(eingabe); }catch(MalformedURLException me){} String buf, ausgabe=""; InputStreamReader i = null; BufferedReader BR = null; try{ i= new InputStreamReader(url.openStream()); BR = new BufferedReader(i); while((buf=BR.readLine()) != null){ System.out.println(buf); ausgabe = ausgabe + buf; area.replace(ausgabe); BR.close(); }catch(IOException ioe){}}}; } ActionListener c = new ActionListener(){ public void actionPerformed(ActionEvent e){ String eingabe = tf.getText(); URL url = null; URLConnection c = null; try{ url = new URL(eingabe); } catch(MalformedURLException me){} try{ Socket s = new Socket(url.getHost(), 80); PrintStream O = new PrintStream(s.getOutputStream()); O.println("GET"+url.getPath()); O.println("\r"); } } } } </pre>	<pre> // Listener verbinden OK=new Button("OK"); this.add(OK); //addActionListener(...); public static void main(String args[]){ Frame F=new Frame(); int getHeight(){return 0;} int getWidth(){return 0;} Figur P11= new Rectangle(10,20); System.out.println("\nFlaeche des Rechtecks = "+P11.getArea() +" \n"); Frame F= new Frame(); F.setLayout(new FlowLayout()); F.addWindowListener(new WindowAdapter() {public void windowClosing(WindowEvent we) {System.exit(0);}}); AWTFigur P1=new AWTFigur(new Quadrat(30)); F.add(P1); public double getCircumference(){ return 2*w + 2*h; } public double getArea(){ return w*h; } public int getHeight(){ return h; } this.y = n; } double getCircumference() {return 1;} double getArea() {return 1;} int getHeight() {return x;} int getWidth() {return y;} memory=memory+d; }; ActionListener mr = new ActionListener(){ public void actionPerformed(ActionEvent e){ memorystring = String.valueOf(memory); tf.setText(memorystring);}; ActionListener command = new CommandAction(); private class CommandAction implements ActionListener{ public void actionPerformed(ActionEvent event){ String command = event.getActionCommand();{ calculate(Double.parseDouble(tf.getText())); lastCommand = command; start = true; } } private TextField tf = new TextField(40); Button[] button = new Button[19]; String[] buttonString = { "M+", "7", "8", "9", "/", "M-", "4", "5", "6", "*", "MR", "1", "2", "3", "-", "CE", "0", ".", "=", "+" }; ActionListener als [] = {mpl, nl, nl, nl, command, minus, nl, nl, nl, command, } C.fill = GridBagConstraints.BOTH; C.anchor = GridBagConstraints.WEST; C.gridx = 0; C.gridy = 0; add(l, C); C.gridx = 1; C.gridwidth = GridBagConstraints.REMAINDER; add(tf, C); C.gridwidth = 1; //C.gridheight = 1; C.gridy = 4; C.gridx = GridBagConstraints.RELATIVE; for(int i=0; i < rows; i++){ for(int j=0; j < cols; j++){ //C.gridx = GridBagContraints.RELATIVE; } } //Ausgabe von i in Hexadezimal for (int i=0; i < data.length; i+=16){ s+= '\n'+new String(hexByte(i,4))+" "; } //Ausgabe des HexBytes mit ' ' nach jeder 4 Zeilen for (int j=0; j<16 && (i+j)< data.length; j++) { s+= new String(hexByte(data[i+j],2))+" "; if(((i+j+1)%4)==0) s+="\n "; } try{c = url.openConnection(); }catch(IOException ioe){} try{ c.connect(); }catch(IOException ioe){} }catch(MalformedURLException me){} String buf, ausgabe=""; InputStreamReader i = null; BufferedReader BR = null; try{ i = new InputStreamReader(url.openStream()); BR = new BufferedReader(i); while((buf = BR.readLine()) != null){ System.out.println(buf); ausgabe = ausgabe + buf; area.replace(ausgabe); BR.close(); }catch(IOException ioe){ System.out.println(ioe); System.exit(1); } } }; ActionListener asock = new ActionListener(){ public void actionPerformed(ActionEvent e){ String eingabe = tf.getText(); URL url = null; try{ url = new URL(eingabe); }catch(MalformedURLException me){} try{ Socket s = new Socket(url.getHost(), 80); PrintStream O = new PrintStream(s.getOutputStream()); O.println("GET"+url.getPath()); O.println("\r"); } } } } </pre>	<pre> F.addWindowListener(new WindowAdapter(){public void windowClosing(WindowEvent we){System.exit(0);}}); Muster P=new Muster(); F.add(P); F.pack(); F.setVisible(true);}} } public void paint(Graphics g){}; AWTFigur P2=new AWTFigur (new Circle(50)); F.add(P2); AWTFigur P3 = new AWTFigur(new Rectangle(70,90)); F.add(P3); AWTFigur P4 = new AWTFigur(new Polygon()); F.add(P4); AWTFigur P5 = new AWTFigur(new String1(10,35)); F.add(P5); F.pack(); F.setVisible(true); } } public int getWidth(){ // int b = (int)w; return w; } public void paint (Graphics g){ g.setColor(Color.RED); g.drawRect(0,0, getWidth(), getHeight()); } } public void paint (Graphics g){ Font font = new Font("Serif", Font.ITALIC, 50); g.setFont(font); g.drawString("Hello",x,y); } } mr, nl, nl, nl, command, clr, nl, nl, command, command}; Calculator1(){ setLayout (new BorderLayout()); add(tf, BorderLayout.NORTH); Panel keys = new Panel(new GridLayout(4,5)); //for schleife for(int i=0;<buttonString.length;i++){ Button b = new Button(buttonString[i]); keys.add(b); b.addActionListener(als[i]); add(keys, BorderLayout.CENTER); } public void calculate(double x) { System.out.println("Result: "+result + " x: "+x); if (lastCommand.equals("+")) result += x; else if (lastCommand.equals("-")) result -= x; tf.setText(result); } public static void main(String args[]) {Muster.java} } Button b = new Button(buttonString[i][j]); add(b, C); b.addActionListener(als[i][j]); } C.gridy = C.gridy + 1; //spaltenweise überspringen } } public static void main (String args[]){ Frame F = new Frame(); F.addWindowListener... CalcGridBag P = new CalcGridBag(); F.setLayout(new BorderLayout()); F.add(P, BorderLayout.CENTER); F.add(P); F.pack(); F.setVisible(true); } } //Ausgabe des Textes args[0] for(int j =0; j<16 && (i+j)<data.length; j++){ s+=(char)data[i+j]; } } return s; } public void replace(String s){ data = s.getBytes(); setText(getHexString());} } BufferedReader I = new BufferedReader(new InputStreamReader(s.getInputStream())); String X = "", buf; while((buf = I.readLine()) != null) X = X + buf; area.replace(X); s.close(); }catch(Exception ee){System.out.println(ee); ee.printStackTrace(); } } }; Button [] button = new Button[3]; private String [] buttonString = {"Get URL-Object","Get URL- Connection","Get Socket"}; ActionListener als [] = {url1, c, asock}; } public HexDumpPanel(){ Panel P = new Panel(); Label l = new Label("Enter File"); P.add(l); P.add(tf); Panel keys = new Panel(); for(int i = 0; i < buttonString.length; i++){ Button b = new Button(buttonString[i]); keys.add(b); b.addActionListener(als[i]); } setLayout(new BorderLayout()); add(P, BorderLayout.NORTH); add(area, BorderLayout.CENTER); add(keys, BorderLayout.SOUTH); } public static void main (String [] args){Muster.java} } </pre>
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<pre>public class ImgPanel extends Panel{ private Image Img; float [] prozentzahl = {0,0,0,0}; float [] winkel = {0,0,0,0}; float [] h = {0,0,0,0}; int n = 4; public ImgPanel(Image Img, String args[]){ arc_angle(args); this.Img = Img; MediaTracker M = new MediaTracker(this); M.addImage(Img, 1); try{ M.waitForID(1); }catch(Exception e){} public void arc_angle(String args []){ for(int i = 0; i < n; i++){ prozentzahl[i] = Float.parseFloat(args[i]); } } } public class Client { public static void main (String[] args){ DatagramSocket skt=null; try{ skt = new DatagramSocket(); String msg = args[0]; //konvertieren unsere Nachricht byte [] b = msg.getBytes(); InetAddress host = InetAddress.getByName("localhost"); int serverSocket = 6755; } } } public class Server { public static void main (String[] args){ DatagramSocket skt=null; try{skt = new DatagramSocket(6755); byte [] buffer = new byte[1000]; while(true){ DatagramPacket request = new DatagramPacket(buffer, buffer.length); } } } } import java.io.*; public class Materialartikel{ private String artikelname; private int mindeststueckzahl; private int bestellmenge; private int lagerbestand; private int entmenge; Materialartikel (String artikelname, //Konstruktor int mindeststueckzahl, int bestellmenge, int lagerbestand, int entmenge,){ this.artikelname = artikelname; this.mindeststueckzahl = mindeststueckzahl; this.bestellmenge = bestellmenge; this.lagerbestand = lagerbestand; } } import java.io.*; public class Lagerhaltung{ public static String einlesen(){ String str = ""; //String auf 0 setzen try{ InputStreamReader isr = new InputStreamReader(System.in); BufferedReader bur = new BufferedReader(isr); //Hier lesen wir einen String ein str = bur.readLine(); //und geben ihn gleich wieder aus //System.out.println(str); }catch(Exception e){} return str; } public static void main (String [] args) { /* Materialartikel artikel1 = new Materialartikel(args[0], Integer.parseInt(args[4]), Integer.parseInt(args[5]), Integer.parseInt(args[6]),*/ System.out.println("Artikel einfügen: "); System.out.println("\nArtikelname: "); String artikelname = einlesen(); while(artikelname.equals("")){ System.out.println("\nBitte geben Sie den Artikelnamen ein."); entnehmen?"); artikelname = einlesen(); } System.out.println("\nMindeststueckzahl: "); String mindeststueckzahl = einlesen(); while(mindeststueckzahl.equals("")) Integer.parseInt(mindeststueckzahl)<0){ System.out.println("\nFalsche Eingabe. Versuchen Sie es noch mal."); mindeststueckzahl = einlesen(); } } } class UDPClient { public static void main(String [] args)throws IOException, InterruptedException{ //Liefert Internet Adresse InetAddress addr = InetAddress.getByName("localhost"); while(true){ public class UDPServer{ public static void main (String [] args)throws IOException{ DatagramSocket socket = new DatagramSocket(); while(true){ //Auf Anfrage warten //Leeres Datagram bereitstellen } } } } } }</pre>	<pre>winkel[i] = prozentzahl[i]*360/100; h[i] = prozentzahl[i]*10; } @Override public void paint (Graphics g){ g.drawImage(Img, 0, 0, this); Color [] col = {new Color (200,0 ,127), new Color (76,175,80 ,127), new Color (200,10,140,127), new Color (0 ,0 ,200,127)}; String [] name = {"Atom", "Kohle", "Gas", "Sonne/Wind"}; int angle = 0; for(int i = 0; i < n; i++){ g.setColor(col[i]); g.fillArc(Img.getWidth(this)/2-550, Img.getHeight(this)/2- 300/2, 400, 400, angle, (int)winkel[i]); g.fillRect(600+i*150, Img.getHeight(this)/n + (450-(int)h[i]), 100, (int)h[i]); //Img.getWidth(this)/n } } //datagrammpacket zum Senden DatagramPacket request = new DatagramPacket(b,b.length,host,serverSocket); //wir benutzen skt um Daten zu senden skt.send(request); //um antwort zu bekommen byte [] buffer = new byte[1000]; DatagramPacket reply = new DatagramPacket(buffer, buffer.length); skt.receive(request); String msg = (new String(request.getData(),0,request.getLength())); File file = new File(msg); if (file.exists()) { msg+=" existiert und hat die Länge "+ file.length(); // ask for new file name } else msg+=" existiert nicht!"; } skt.receive(request); String msg = (new String(request.getData(),0,request.getLength())); File file = new File(msg); if (file.exists()) { msg+=" existiert und hat die Länge "+ file.length(); // ask for new file name } else msg+=" existiert nicht!"; } byte [] sendMsg = msg.getBytes(); DatagramPacket reply = new DatagramPacket (sendMsg, sendMsg.length, request.getAddress(), request.getPort()); skt.send(reply); skt.close(); } catch (Exception ex){} }</pre>
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