

















Oracle JDeveloper 11g - AppCalc.jws : PrCalc.jpr : C:\JDeveloper\mywork\AppCalc\PrCalc\src\frCalc.java

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Application Navigator

AppCalc

Projects

PrCalc

Application Sources

frCalc.java

frCalculator.java

Calculator

+

-

*

/

=

1

Click dublu

2

```
private void bp_actionPerformed(ActionEvent e) {
    calc();
    afterOp("+");
}
```

Component Palette

Swing

Components

JButton

JCheckBox

JComboBox

JEditorPane

JFormattedTextField

JLabel

JList

JPasswordField

Containers

JMenuBar

JPanel

JPopupMenu

JScrollPane

JSplitPane

JTabbedPane

JToolBar

bp (JButton) - Proper...

Constraints

Focus

focusable: True

focusCycleRoot: False

focusPainted: True

focusTraversalPolicy: <default>

focusTraversalPolicySet: False

managingFocus: False

nextFocusableComponent: <default>

requestFocusEnabled: True

verifyInputWhenFocusTarget: True

General

Model

Visual

Running: PrCalc.jpr - Log

```
"C:\Program Files\Java\jdk1.6.0\bin\javaw.exe" -client -classpath C:\JDeveloper\mywo
Process exited with exit code 0.
```

Messages

Running: PrCalc.jpr

Start

Total Co...

WordPer...

Oracle J...

CHAT RO...

Presenta...

5:49 PM

```

import java.awt.Dimension;

import java.awt.GridLayout;
import java.awt.Rectangle;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JList;
import javax.swing.JPanel;
import javax.swing.JScrollPane;
import javax.swing.JTextArea;
import javax.swing.JTextField;

public class frCalc extends JFrame {
    private JTextField td = new JTextField();
    private JPanel jPanel1 = new JPanel();
    private GridLayout gridLayout1 = new GridLayout();
    private JButton bp = new JButton();
    private JButton bi = new JButton();
    private JButton bd = new JButton();
    private JButton bm = new JButton();
    private JButton be = new JButton();

    double rez = 0.;
    String cmd = "=";
    private JScrollPane jScrollPane1 = new JScrollPane();
    private JTextArea ta = new JTextArea();

    public frCalc() {
        try {
            jbInit();
        } catch (Exception e) {
            e.printStackTrace();
        }
    }

    private void jbInit() throws Exception {
        this.getContentPane().setLayout( null );
        this.setSize(new Dimension(288, 249));
        this.setTitle( "Calculator" );
        td.setBounds(new Rectangle(5, 5, 215, 25));
        jPanel1.setBounds(new Rectangle(230, 5, 50, 140));
        jPanel1.setLayout(gridLayout1);
        gridLayout1.setColumns(1);
        gridLayout1.setRows(5);
        bp.setText("+");
        bp.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                bp_actionPerformed(e);
            }
        });
        bi.setText("*");
        bi.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                bi_actionPerformed(e);
            }
        });
        bd.setText("/");
        bd.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                bd_actionPerformed(e);
            }
        });
        bm.setText("-");
        bm.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                bm_actionPerformed(e);
            }
        });
        be.setText("=");
        be.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                be_actionPerformed(e);
            }
        });

        jScrollPane1.setBounds(new Rectangle(5, 35, 215,
180));

        jPanel1.add(bp, null);
        jPanel1.add(bm, null);
        jPanel1.add(bi, null);
        jPanel1.add(bd, null);
        jPanel1.add(be, null);
        jScrollPane1.getViewport().add(ta, null);
        this.getContentPane().add(jScrollPane1, null);
        this.getContentPane().add(jPanel1, null);
        this.getContentPane().add(td, null);
    }

    public static void main(String a[]) {
        frCalc f = new frCalc();

        f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        f.setVisible(true);
    }

    private void bp_actionPerformed(ActionEvent e) {
        calc();
        afterOp("+");
    }

    private void bm_actionPerformed(ActionEvent e) {
        calc();
        afterOp("-");
    }

    private void bi_actionPerformed(ActionEvent e) {
        calc();
        afterOp("*");
    }

    private void bd_actionPerformed(ActionEvent e) {
        calc();
        afterOp("/");
    }

    public void afterOp(String x){
        ta.append(td.getText() + x + "\n");
        td.setText("");
    }
}

```

```

    td.requestFocusInWindow();
    cmd = x;
}

public void calc() {
    double x = 0;
    try {
        x = Double.parseDouble(td.getText());
    }
    catch (Exception e)
    {
        //System.out.println(e);
        //e.printStackTrace();
    }

    if (cmd.equals("-")) rez -=x;
    else if (cmd.equals("+")) rez +=x;
    else if (cmd.equals("/")) rez /=x;
    else if (cmd.equals("*")) rez *=x;
    else if (cmd.equals("=")) rez = x;
}

private void be_actionPerformed(ActionEvent e) {
    calc();
    afterOp("=");
    //afisare rezultate
    ta.append(rez+"\\n");
    //reinitializare
    rez=0;
    cmd="=";
}
}
}

```

