

Class Calculator

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import java.awt.GridLayout;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JTextField;

public class Graphic implements ActionListener {

    JPanel Panel1 , Panel2 ;
    JFrame aFrame ;
    JLabel l1,l2,l3;
    JTextField Txt1,Txt2,Txt3 ;
    JButton b1,b2,b3,b4,b5,b6;

    public Graphic() {
        aFrame = new JFrame ("Calculator ");

        Panel1 = new JPanel ();
        Panel2 = new JPanel ();

        b1 = new JButton ( "+" ) ;
        b2 = new JButton ( "-" ) ;
        b3 = new JButton ( "*" ) ;
        b4 = new JButton ( "/" ) ;
        b5=new JButton("Reset");
        b6=new JButton("Quit");

        l1 = new JLabel ("Enter the First Value");

        Txt1 = new JTextField (10) ;
        Txt1.setText("");

        l2 = new JLabel ("Enter the Second Value");
        Txt2 = new JTextField(10);
        Txt2.setText("");
        l3 = new JLabel ("Result: ");
        Txt3=new JTextField(10);
```

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aFrame.setLayout(new GridLayout (2,1) );

b1.addActionListener(this);
b2.addActionListener(this);
b3.addActionListener(this);
b4.addActionListener(this);
b5.addActionListener(this);
b6.addActionListener(this);

Panel1.add(l1) ;
Panel1.add (Txt1) ;
Panel1.add(l2) ;
Panel1.add(Txt2);
Panel1.add(l3);
Panel1.add(Txt3);

Panel2.add(b1) ;
Panel2.add(b2) ;
Panel2.add(b3) ;
Panel2.add(b4) ;
Panel2.add(b5);
Panel2.add(b6);

aFrame.add(Panel1);
aFrame.add(Panel2);

aFrame.pack();
aFrame.setVisible(true) ;
aFrame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE) ;

}

public void actionPerformed(ActionEvent e) {
    // TODO Auto-generated method stub
    if (e.getActionCommand().equals("+")){
        Txt3.setText(((Integer.parseInt(Txt1.getText()) +
Integer.parseInt(Txt2.getText())) + ""));
    }
    if (e.getActionCommand().equals("-")){
        Txt3.setText(((Integer.parseInt(Txt1.getText()) -
Integer.parseInt(Txt2.getText())) + ""));
    }
    if (e.getActionCommand().equals("*")){

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                Txt3.setText((Integer.parseInt(Txt1.getText()) *
Integer.parseInt(Txt2.getText())) + "");
            }
            if (e.getActionCommand().equals("/")){
                Txt3.setText((Integer.parseInt(Txt1.getText()) /
Integer.parseInt(Txt2.getText())) + "");
            }
        }
    }
}
```

```
        if (e.getActionCommand().equals("Reset")){
            Txt1.setText(" ");
            Txt2.setText(" ");
            Txt3.setText(" ");
        }
        if (e.getActionCommand().equals("Quit")){
            System.exit(0);
        }
    }
}
```

```
}
```

```
public static void main (String args []) {
    Graphic input = new Graphic ();
}
```

```
}
```