

```
/*  
 * To change this license header, choose License Headers in Project Properties.  
 * To change this template file, choose Tools | Templates  
 * and open the template in the editor.  
 */
```

```
package calci;
```

```
/**  
 *  
 * @author admin  
 */
```

```
public class calciForm extends javax.swing.JFrame {
```

```
    /**  
     * Creates new form calciForm  
     */
```

```
    String str="";
```

```
    int opera =0,id =0;
```

```
    double value1=0,value2=0;
```

```
    public calciForm() {
```

```
        initComponents();
```

```
        display.setText("0");
```

```
    }
```

```
/**
 * This method is called from within the constructor to initialize the form.
 * WARNING: Do NOT modify this code. The content of this method is always
 * regenerated by the Form Editor.
 */
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {

    jPanel1 = new javax.swing.JPanel();
    display = new javax.swing.JTextField();
    jPanel2 = new javax.swing.JPanel();
    div = new javax.swing.JButton();
    mul = new javax.swing.JButton();
    add = new javax.swing.JButton();
    one = new javax.swing.JButton();
    sub = new javax.swing.JButton();
    two = new javax.swing.JButton();
    three = new javax.swing.JButton();
    del = new javax.swing.JButton();
    four = new javax.swing.JButton();
    five = new javax.swing.JButton();
    six = new javax.swing.JButton();
    seven = new javax.swing.JButton();
    eight = new javax.swing.JButton();
}
```

```
nine = new javax.swing.JButton();
dec = new javax.swing.JButton();
clear = new javax.swing.JButton();
zero = new javax.swing.JButton();
equal = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Simple Calculater");
setSize(new java.awt.Dimension(400, 450));

display.setBackground(new java.awt.Color(0, 0, 0));
display.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
display.setForeground(new java.awt.Color(255, 255, 255));
display.setHorizontalAlignment(javax.swing.JTextField.RIGHT);

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(display, javax.swing.GroupLayout.Alignment.TRAILING)
);
jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(display, javax.swing.GroupLayout.DEFAULT_SIZE, 94, Short.MAX_VALUE)
        )
);
```

```
.addContainerGap()

);

div.setIcon(new
javafx.swing.ImageIcon("C:\\Users\\admin\\Documents\\NetBeansProjects\\calci\\src\\divide.png")); //
NOI18N

div.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        divMouseClicked(evt);
    }
});

mul.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
mul.setText("X");
mul.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        mulMouseClicked(evt);
    }
});

add.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
add.setText("+");
add.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        addMouseClicked(evt);
    }
}
```

```
});
```

```
one.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
one.setText("1");  
one.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        oneMouseClicked(evt);  
    }  
});
```

```
sub.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
sub.setText("-");  
sub.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        subMouseClicked(evt);  
    }  
});
```

```
two.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
two.setText("2");  
two.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        twoMouseClicked(evt);  
    }  
});
```

```
three.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
three.setText("3");
three.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        threeMouseClicked(evt);
    }
});

del.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
del.setIcon(new
javax.swing.ImageIcon("C:\\Users\\admin\\Documents\\NetBeansProjects\\calci\\src\\Left-Arrow-PNG-
File.png")); // NOI18N
del.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        delMouseClicked(evt);
    }
});

four.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
four.setText("4");
four.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        fourMouseClicked(evt);
    }
});
```

```
five.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
```

```
five.setText("5");
```

```
five.addMouseListener(new java.awt.event.MouseAdapter() {
```

```
    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```
        fiveMouseClicked(evt);
```

```
    }
```

```
});
```

```
six.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
```

```
six.setText("6");
```

```
six.addMouseListener(new java.awt.event.MouseAdapter() {
```

```
    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```
        sixMouseClicked(evt);
```

```
    }
```

```
});
```

```
seven.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
```

```
seven.setText("7");
```

```
seven.addMouseListener(new java.awt.event.MouseAdapter() {
```

```
    public void mouseClicked(java.awt.event.MouseEvent evt) {
```

```
        sevenMouseClicked(evt);
```

```
    }
```

```
});
```

```
seven.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {  
    sevenActionPerformed(evt);  
}  
});
```

```
eight.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
eight.setText("8");  
eight.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        eightMouseClicked(evt);  
    }  
});
```

```
nine.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
nine.setText("9");  
nine.addMouseListener(new java.awt.event.MouseAdapter() {  
    public void mouseClicked(java.awt.event.MouseEvent evt) {  
        nineMouseClicked(evt);  
    }  
});
```

```
dec.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N  
dec.setText(".");  
dec.setAlignmentY(0.4F);  
dec.addMouseListener(new java.awt.event.MouseAdapter() {
```



```
public void mouseClicked(java.awt.event.MouseEvent evt) {
    decMouseClicked(evt);
}
});
dec.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        decActionPerformed(evt);
    }
});

clear.setFont(new java.awt.Font("Tahoma", 1, 36)); // NOI18N
clear.setText("C");
clear.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        clearMouseClicked(evt);
    }
});
clear.addActionListener(new java.awt.event.ActionListener() {
    public void actionPerformed(java.awt.event.ActionEvent evt) {
        clearActionPerformed(evt);
    }
});

zero.setFont(new java.awt.Font("Tahoma", 0, 48)); // NOI18N
zero.setText("0");
```

```
zero.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        zeroMouseClicked(evt);
    }
});
```

```
equal.setFont(new java.awt.Font("Tahoma", 1, 48)); // NOI18N
equal.setText("=");
equal.addMouseListener(new java.awt.event.MouseAdapter() {
    public void mouseClicked(java.awt.event.MouseEvent evt) {
        equalMouseClicked(evt);
    }
});
```

```
javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
jPanel2.setLayout(jPanel2Layout);
jPanel2Layout.setHorizontalGroup(
```

```
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1)
            .addContainerGap())
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel2)
            .addGap(25, 25, 25)
            .addComponent(jLabel3)
            .addContainerGap())
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addGap(25, 25, 25)
            .addComponent(jLabel5)
            .addContainerGap())
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel6)
            .addGap(25, 25, 25)
            .addComponent(jLabel7)
            .addContainerGap())
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel8)
            .addGap(25, 25, 25)
            .addComponent(jLabel9)
            .addContainerGap())
```

```
.addContainerGap()
    .addComponent(jLabel10)
    .addContainerGap())
jPanel2Layout.setVerticalGroup(
    jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel2Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel2)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel3)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel5)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel6)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel7)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel8)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel9)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel10)
            .addContainerGap())
jPanel2Layout.setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
```

```
.addComponent(seven, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 71, javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(four, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 71, javax.swing.GroupLayout.PREFERRED_SIZE))

    .addGap(10, 10, 10)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

    .addGroup(jPanel2Layout.createSequentialGroup())

        .addComponent(five, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

        .addComponent(six, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup())

            .addComponent(eight, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

            .addComponent(nine, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addComponent(zero, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

    .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel2Layout.createSequentialGroup())

        .addComponent(div, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

        .addComponent(mul, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(add, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
jPanel2Layout.createSequentialGroup())

.addComponent(one, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(two, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)

.addComponent(three, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
javax.swing.GroupLayout.PREFERRED_SIZE))))

.addGap(18, 18, 18)

.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)

.addComponent(del, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(clear, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(equal, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)

.addComponent(sub, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

.addGap(0, 11, Short.MAX_VALUE))

);

jPanel2Layout.setVerticalGroup(

jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel2Layout.createSequentialGroup())
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
    .addComponent(add, javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)
```

```
    .addComponent(sub, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
    .addComponent(mul, javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE)
```

```
    .addComponent(div, javax.swing.GroupLayout.PREFERRED_SIZE, 0, Short.MAX_VALUE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(one, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(two, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(del, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(three, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE))
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addGroup(jPanel2Layout.createSequentialGroup())
```

```
        .addGap(0, 0, Short.MAX_VALUE)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
    .addComponent(four, javax.swing.GroupLayout.Alignment.TRAILING, javax.swing.GroupLayout.PREFERRED_SIZE, 60, javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
    .addComponent(six, javax.swing.GroupLayout.PREFERRED_SIZE, 55, javax.swing.GroupLayout.PREFERRED_SIZE)))
```

```
.addComponent(five, javax.swing.GroupLayout.PREFERRED_SIZE, 0,
javax.swing.GroupLayout.PREFERRED_SIZE)

    .addComponent(clear, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))

    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

    .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

        .addGroup(jPanel2Layout.createSequentialGroup()

            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

                .addComponent(eight, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(seven, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(nine, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addGap(11, 11, 11)

            .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

                .addComponent(zero, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE)

                .addComponent(dec, javax.swing.GroupLayout.PREFERRED_SIZE, 55,
javax.swing.GroupLayout.PREFERRED_SIZE)))

            .addComponent(equal, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
javax.swing.GroupLayout.PREFERRED_SIZE))

        .addContainerGap())
    );

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
    );
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(layout.createSequentialGroup()
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );

pack();
} // </editor-fold>

private void sevenActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

private void decActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
```



```
}
```

```
private void clearActionPerformed(java.awt.event.ActionEvent evt) {
```

```
    // TODO add your handling code here:
```

```
}
```

```
private void oneMouseClicked(java.awt.event.MouseEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    str = str + "1";
```

```
    display.setText(str);
```

```
}
```

```
private void twoMouseClicked(java.awt.event.MouseEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    str = str + "2";
```

```
    display.setText(str);
```

```
}
```

```
private void threeMouseClicked(java.awt.event.MouseEvent evt) {
```

```
    // TODO add your handling code here:
```

```
    str = str + "3";
```

```
    display.setText(str);
```

```
}
```

```
private void fourMouseClicked(java.awt.event.MouseEvent evt) {
```



```
// TODO add your handling code here:

str = str + "4";

display.setText(str);
}

private void fiveMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:

str = str + "5";

display.setText(str);
}

private void sixMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:

str = str + "6";

display.setText(str);
}

private void sevenMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:

str = str + "7";

display.setText(str);
}

private void eightMouseClicked(java.awt.event.MouseEvent evt) {

// TODO add your handling code here:
```

```
str = str + "8";
display.setText(str);
}

private void nineMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    str = str + "9";
    display.setText(str);
}

private void decMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    str = str + ".";
    display.setText(str);
}

private void zeroMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    if(!str.equals(""))
    {
        str = str + "0";
        display.setText(str);
    }
    else
    {
```

```
    str="";
    display.setText("0");
}

}

private void clearMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    str="";
    display.setText("0");
}

private void delMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:

    str = str.substring(0,str.length()-1);
    display.setText(str);
}

private void addMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    value1 = Double.parseDouble(str);
    opera =3;
    str = str + "+";
    int n = str.length();
```

```
id = n;
display.setText(str);
}

private void equalMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    String str1 = str.substring(id,str.length());
    value2 = Double.parseDouble(str1);

    double res=0;
    switch(opera)
    {
        case 1:
            res = value1/value2;
            break;
        case 2:
            res = value1*value2;
            break;
        case 3:
            res = value1+value2;
            break;
        case 4:
            res = value1-value2;
            break;
    }
}
```

```
str = String.valueOf(res);  
display.setText(str);  
// str="";  
}
```

```
private void divMouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
  
    value1 = Double.parseDouble(str);  
    // System.out.println(value1*2);  
    opera =1;  
    str = str + "/";  
    int n = str.length();  
    id = n;  
    display.setText(str);  
}
```

```
private void mulMouseClicked(java.awt.event.MouseEvent evt) {  
    // TODO add your handling code here:  
    value1 = Double.parseDouble(str);  
    // System.out.println(value1*2);  
    opera =2;  
    str = str + "X";  
    int n = str.length();
```

```
id = n;
display.setText(str);
}

private void subMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
    value1 = Double.parseDouble(str);
    //System.out.println(value1*2);
    opera =4;
    str = str + "-";
    int n = str.length();
    id = n;
    display.setText(str);
}

/**
 * @param args the command line arguments
 */
public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
    * For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

```

```
*/
try {
    for (javax.swing.UIManager.LookAndFeelInfo info :
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
            javax.swing.UIManager.setLookAndFeel(info.getClassName());
            break;
        }
    }
} catch (ClassNotFoundException ex) {
    java.util.logging.Logger.getLogger(calciForm.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (InstantiationException ex) {
    java.util.logging.Logger.getLogger(calciForm.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (IllegalAccessException ex) {
    java.util.logging.Logger.getLogger(calciForm.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
} catch (javax.swing.UnsupportedLookAndFeelException ex) {
    java.util.logging.Logger.getLogger(calciForm.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
}
//</editor-fold>

/* Create and display the form */
java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
```

```
        new calciForm().setVisible(true);
    }
});
}
```

```
// Variables declaration - do not modify
```

```
private javax.swing.JButton add;
```

```
private javax.swing.JButton clear;
```

```
private javax.swing.JButton dec;
```

```
private javax.swing.JButton del;
```

```
private javax.swing.JTextField display;
```

```
private javax.swing.JButton div;
```

```
private javax.swing.JButton eight;
```

```
private javax.swing.JButton equal;
```

```
private javax.swing.JButton five;
```

```
private javax.swing.JButton four;
```

```
private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JPanel jPanel2;
```

```
private javax.swing.JButton mul;
```

```
private javax.swing.JButton nine;
```

```
private javax.swing.JButton one;
```

```
private javax.swing.JButton seven;
```

```
private javax.swing.JButton six;
```

```
private javax.swing.JButton sub;
```

```
private javax.swing.JButton three;
```



```
private javax.swing.JButton two;  
private javax.swing.JButton zero;  
// End of variables declaration  
}
```

