```java
/*
 * 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 javaapplication2;

Import javax.swing.JTextField;

/**
 *
 * @author 20uad002
 */
Public class vino extends javax.swing.JFrame {
    String a,b,c;

    /**
     * Creates new form vino
     */
    Public vino() {
        initComponents();
    }
    /**
     * 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")
```

```java
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    Private void initComponents() {


        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();
        jLabel3 = new javax.swing.JLabel();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jButton3 = new javax.swing.JButton();
        jButton4 = new javax.swing.JButton();
        jTextField1 = new javax.swing.JTextField();
        jTextField2 = new javax.swing.JTextField();
        jTextField3 = new javax.swing.JTextField();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

        jLabel1.setText("Number1");


        jLabel2.setText("Number 2");


        jLabel3.setText("Result");


        jButton1.setText("-");
        jButton1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton1ActionPerformed(evt);
            }
        });


        jButton2.setText("+");
        jButton2.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
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                jButton2ActionPerformed(evt);
            }
        });


        jButton3.setText("*");
        jButton3.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton3ActionPerformed(evt);
            }
        });


        jButton4.setText("/");
        jButton4.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jButton4ActionPerformed(evt);
            }
        });


        jTextField1.addActionListener(new java.awt.event.ActionListener() {
            public void actionPerformed(java.awt.event.ActionEvent evt) {
                jTextField1ActionPerformed(evt);
            }
        });


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

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(29, 29, 29)
```

```
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
                    .addGroup(layout.createSequentialGroup()
                        .addGap(62, 62, 62)
                        .addComponent(jLabel3)
                        .addGap(18, 18, 18)
                        .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)

.addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                    .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jLabel1)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                                .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, 49,
javax.swing.GroupLayout.PREFERRED_SIZE))
                            .addGroup(layout.createSequentialGroup()
                                .addComponent(jLabel2)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                                .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, 46,
javax.swing.GroupLayout.PREFERRED_SIZE)))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 54,
Short.MAX_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
                            .addComponent(jButton2)
```

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                                    .addComponent(jButton3))
                            .addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)

                                    .addComponent(jButton1)

                                    .addComponent(jButton4))
                            .addGap(119, 119, 119))))
        );
        Layout.setVerticalGroup(

Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
            .addGroup(layout.createSequentialGroup()
                .addGap(54, 54, 54)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)

                    .addComponent(jLabel1)

                    .addComponent(jButton1)

                    .addComponent(jTextField1,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jButton2))
                .addGap(23, 23, 23)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)

                    .addComponent(jLabel2)

                    .addComponent(jButton3)

                    .addComponent(jTextField2,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE)

                    .addComponent(jButton4))
                .addGap(28, 28, 28)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)
```

```
                .addComponent(jLabel3)

                .addComponent(jTextField3,
javax.swing.GroupLayout.PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.PREFERRED_SIZE))

            .addContainerGap(129, Short.MAX_VALUE))
    );
jLabel1.getAccessibleContext().setAccessibleName("Number 1");

    jLabel2.getAccessibleContext().setAccessibleName("Number 2");

    jLabel3.getAccessibleContext().setAccessibleName("Result");


    pack();

}// </editor-fold>


Private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:




}


Private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {

    // TODO add your handling code here:

    A=jTextField1.getText();

    B=jTextField2.getText();

    Int x,y,z;

    X=Integer.parseInt(a);

    Y=Integer.parseInt(b);

    Z = x+y;

    C=Integer.toString(z);

    jTextField3.setText©;

}
Private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

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

```
        A=jTextField1.getText();

        B=jTextField2.getText();

        Int x,y,z;

        X=Integer.parseInt(a);

        Y=Integer.parseInt(b);

        Z = x-y;

        C=Integer.toString(z);

        jTextField3.setText©;
    }


Private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

        A=jTextField1.getText();

        B=jTextField2.getText();

        Int x,y,z;

        X=Integer.parseInt(a);

        Y=Integer.parseInt(b);

        Z = x*y;

        C=Integer.toString(z);

        jTextField3.setText©;
    }


Private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {

        // TODO add your handling code here:

        A=jTextField1.getText();

        B=jTextField2.getText();

        Int x,y,z;

        X=Integer.parseInt(a);

        Y=Integer.parseInt(b);

        Z = x/y;

        C=Integer.toString(z);
```

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        jTextField3.setText©;

    }


    /**

     * @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(vino.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);

        } catch (InstantiationException ex) {

Java.util.logging.Logger.getLogger(vino.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);

        } catch (IllegalAccessException ex) {
```

```java
Java.util.logging.Logger.getLogger(vino.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        } catch (javax.swing.UnsupportedLookAndFeelException ex) {

Java.util.logging.Logger.getLogger(vino.class.getName()).log(java.util.loggin
g.Level.SEVERE, null, ex);
        }
        //</editor-fold>


        /* Create and display the form */
        Java.awt.EventQueue.invokeLater(new Runnable() {
            Public void run() {
                New vino().setVisible(true);
            }
        });
    }
// Variables declaration – do not modify
    Private javax.swing.JButton jButton1;
    Private javax.swing.JButton jButton2;
    Private javax.swing.JButton jButton3;
    Private javax.swing.JButton jButton4;
    Private javax.swing.JLabel jLabel1;
    Private javax.swing.JLabel jLabel2;
    Private javax.swing.JLabel jLabel3;
    Private javax.swing.JTextField jTextField1;
    Private javax.swing.JTextField jTextField2;
    Private javax.swing.JTextField jTextField3;
    // End of variables declaration
}
```

Screenshot 1:

Number1 6

Number 2 2

Result
3

[+] [-]
[*] [/]

Screenshot 2:

Number1 6

Number 2 2

Result
4

[+] [-]
[*] [/]

Screenshot 3:

Number1 6

Number 2 2

Result
3

[+] [-]
[*] [/]