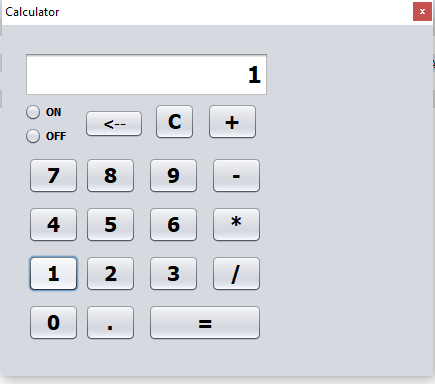
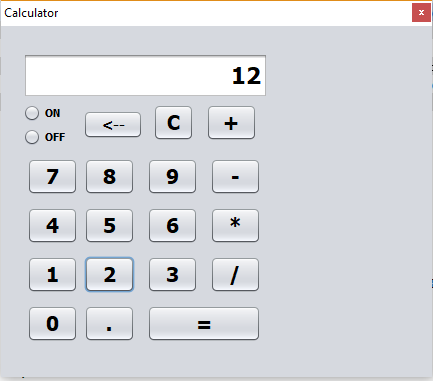
We start with displaying numbers in TextField.

Check this code piece jTextField1.setText("1");

jTextField1 is just an object of TextField which is automatically created in IDE. setText() is method to displaying text/number in TextField. TextField is only accept the string.



As you can see when you press 1 and then 2 it just replace 1. Numbers are not displaying side by side. That’s why we use jTextField1.setText(jTextField1.getText() + "1"). .getText() is a method used to retrieve the current text from TextField.

Now when we press the Cancel button it has to remove all numbers.

After that when we press the OFF button all button will be disable and when we press the ON button all button will be enable. Now we create methods for them.

package calculator\_ap;

/\*\*

\*

\* @author lenovo

\*/

public class calculator extends javax.swing.JFrame {

/\*\*

\* Creates new form calculator

\*/

public calculator() {

initComponents();

jRadioButton1.setEnabled(false); // ON button disable

}

public void enable(){

jTextField1.setEnabled(true);

jRadioButton1.setEnabled(false); //ON button disable

jRadioButton2.setEnabled(true); // OFF button enable

jButton1.setEnabled(true);

jButton2.setEnabled(true);

jButton3.setEnabled(true);

jButton7.setEnabled(true);

jButton8.setEnabled(true);

jButton9.setEnabled(true);

jButton10.setEnabled(true);

jButton11.setEnabled(true);

jButton12.setEnabled(true);

jButton13.setEnabled(true);

jButton14.setEnabled(true);

jButton15.setEnabled(true);

jButton16.setEnabled(true);

jButton17.setEnabled(true);

jButton18.setEnabled(true);

jButton19.setEnabled(true);

jButton20.setEnabled(true);

jButton21.setEnabled(true);

jButton22.setEnabled(true);

jButton23.setEnabled(true);

}

public void disable(){

jTextField1.setEnabled(false);

jRadioButton1.setEnabled(true); //ON button enable

jRadioButton2.setEnabled(false); //OFF button disable

jButton1.setEnabled(false);

jButton2.setEnabled(false);

jButton3.setEnabled(false);

jButton7.setEnabled(false);

jButton8.setEnabled(false);

jButton9.setEnabled(false);

jButton10.setEnabled(false);

jButton11.setEnabled(false);

jButton12.setEnabled(false);

jButton13.setEnabled(false);

jButton14.setEnabled(false);

jButton15.setEnabled(false);

jButton16.setEnabled(false);

jButton17.setEnabled(false);

jButton18.setEnabled(false);

jButton19.setEnabled(false);

jButton20.setEnabled(false);

jButton21.setEnabled(false);

jButton22.setEnabled(false);

jButton23.setEnabled(false);

}

/\*\*

\* 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() {

buttonGroup1 = new javax.swing.ButtonGroup();

jTextField1 = new javax.swing.JTextField();

jRadioButton1 = new javax.swing.JRadioButton();

jRadioButton2 = new javax.swing.JRadioButton();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jButton9 = new javax.swing.JButton();

jButton10 = new javax.swing.JButton();

jButton11 = new javax.swing.JButton();

jButton12 = new javax.swing.JButton();

jButton13 = new javax.swing.JButton();

jButton14 = new javax.swing.JButton();

jButton15 = new javax.swing.JButton();

jButton16 = new javax.swing.JButton();

jButton17 = new javax.swing.JButton();

jButton18 = new javax.swing.JButton();

jButton19 = new javax.swing.JButton();

jButton20 = new javax.swing.JButton();

jButton21 = new javax.swing.JButton();

jButton22 = new javax.swing.JButton();

jButton23 = new javax.swing.JButton();

setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);

setTitle("Calculator");

setLocation(new java.awt.Point(500, 250));

setResizable(false);

setType(java.awt.Window.Type.UTILITY);

jTextField1.setEditable(false);

jTextField1.setFont(new java.awt.Font("Tahoma", 1, 23)); // NOI18N

jTextField1.setHorizontalAlignment(javax.swing.JTextField.RIGHT);

buttonGroup1.add(jRadioButton1);

jRadioButton1.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jRadioButton1.setText("ON");

jRadioButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton1ActionPerformed(evt);

}

});

buttonGroup1.add(jRadioButton2);

jRadioButton2.setFont(new java.awt.Font("Tahoma", 1, 11)); // NOI18N

jRadioButton2.setText("OFF");

jRadioButton2.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jRadioButton2ActionPerformed(evt);

}

});

jButton1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

jButton1.setText("<--");

jButton1.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton1ActionPerformed(evt);

}

});

jButton2.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton2.setText("C");

jButton3.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton3.setText("C");

jButton7.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton7.setText("C");

jButton7.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton7ActionPerformed(evt);

}

});

jButton8.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton8.setText("+");

jButton8.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton8ActionPerformed(evt);

}

});

jButton9.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton9.setText("7");

jButton9.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton9ActionPerformed(evt);

}

});

jButton10.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton10.setText("8");

jButton10.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton10ActionPerformed(evt);

}

});

jButton11.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton11.setText("9");

jButton11.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton11ActionPerformed(evt);

}

});

jButton12.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton12.setText("-");

jButton12.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton12ActionPerformed(evt);

}

});

jButton13.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton13.setText("4");

jButton13.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton13ActionPerformed(evt);

}

});

jButton14.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton14.setText("5");

jButton14.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton14ActionPerformed(evt);

}

});

jButton15.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton15.setText("6");

jButton15.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton15ActionPerformed(evt);

}

});

jButton16.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton16.setText("\*");

jButton16.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton16ActionPerformed(evt);

}

});

jButton17.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton17.setText("1");

jButton17.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton17ActionPerformed(evt);

}

});

jButton18.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton18.setText("2");

jButton18.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton18ActionPerformed(evt);

}

});

jButton19.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton19.setText("3");

jButton19.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton19ActionPerformed(evt);

}

});

jButton20.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton20.setText("/");

jButton20.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton20ActionPerformed(evt);

}

});

jButton21.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton21.setText("0");

jButton21.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton21ActionPerformed(evt);

}

});

jButton22.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton22.setText(".");

jButton22.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

jButton22ActionPerformed(evt);

}

});

jButton23.setFont(new java.awt.Font("Tahoma", 1, 20)); // NOI18N

jButton23.setText("=");

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(22, 22, 22)

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

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 245, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(layout.createSequentialGroup()

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

.addComponent(jRadioButton2, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jRadioButton1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(18, 18, 18)

.addComponent(jButton1, javax.swing.GroupLayout.PREFERRED\_SIZE, 60, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(10, 10, 10)

.addComponent(jButton7)

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

.addComponent(jButton8, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(2, 2, 2)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 55, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(57, 57, 57)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 55, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addGap(4, 4, 4)

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

.addGroup(layout.createSequentialGroup()

.addComponent(jButton13, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton14, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton15, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton16, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton9, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton10, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton11, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton12, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton17, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton18, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton19, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton20, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(layout.createSequentialGroup()

.addComponent(jButton21, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton22, javax.swing.GroupLayout.PREFERRED\_SIZE, 51, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

.addComponent(jButton23, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)))))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

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

.addGroup(layout.createSequentialGroup()

.addGap(27, 27, 27)

.addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED\_SIZE, 45, javax.swing.GroupLayout.PREFERRED\_SIZE)

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

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

.addGroup(layout.createSequentialGroup()

.addGap(0, 0, Short.MAX\_VALUE)

.addComponent(jButton3, javax.swing.GroupLayout.PREFERRED\_SIZE, 0, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGap(222, 222, 222))

.addGroup(layout.createSequentialGroup()

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

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE, false)

.addComponent(jButton1, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton2, javax.swing.GroupLayout.PREFERRED\_SIZE, 0, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jButton7)

.addComponent(jButton8, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGroup(layout.createSequentialGroup()

.addComponent(jRadioButton1)

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

.addComponent(jRadioButton2)))

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

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

.addComponent(jButton9, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton10, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton11, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton12, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

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

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

.addComponent(jButton13, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton14, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton15, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton16, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

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

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

.addComponent(jButton17, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton18, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton19, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton20, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

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

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

.addComponent(jButton21, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton22, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

.addComponent(jButton23, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

.addGap(35, 35, 35))))

);

pack();

}// </editor-fold>

private void jButton17ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "1");

}

private void jButton18ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "2");

}

private void jButton19ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "3");

}

private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "4");

}

private void jButton14ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "5");

}

private void jButton21ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "0");

}

private void jButton15ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "6");

}

private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "7");

}

private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "8");

}

private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "9");

}

private void jButton22ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + ".");

}

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "+");

}

private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "-");

}

private void jButton16ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "\*");

}

private void jButton20ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText(jTextField1.getText() + "/");

}

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {

jTextField1.setText("");

}

private void jRadioButton2ActionPerformed(java.awt.event.ActionEvent evt) {

disable(); // call disable method

}

private void jRadioButton1ActionPerformed(java.awt.event.ActionEvent evt) {

enable(); // call enable method

}

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

}

/\*\*

\* @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(calculator.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(calculator.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(calculator.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(calculator.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 calculator().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.ButtonGroup buttonGroup1;

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton10;

private javax.swing.JButton jButton11;

private javax.swing.JButton jButton12;

private javax.swing.JButton jButton13;

private javax.swing.JButton jButton14;

private javax.swing.JButton jButton15;

private javax.swing.JButton jButton16;

private javax.swing.JButton jButton17;

private javax.swing.JButton jButton18;

private javax.swing.JButton jButton19;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton20;

private javax.swing.JButton jButton21;

private javax.swing.JButton jButton22;

private javax.swing.JButton jButton23;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JButton jButton9;

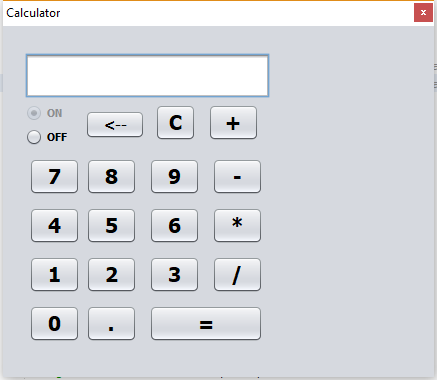
private javax.swing.JRadioButton jRadioButton1;

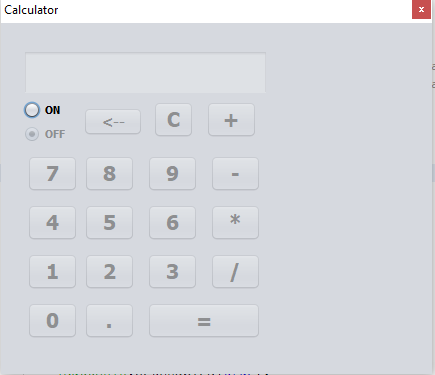
private javax.swing.JRadioButton jRadioButton2;

private javax.swing.JTextField jTextField1;

// End of variables declaration

}





Here is the final output.