

```
/*
 * 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 lettercount;

/**
 *
 * @author noah.fried
 */
public class LetterCount extends javax.swing.JFrame {

    /**
     * Creates new form LetterCount
     */
    public LetterCount() {
        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")
    // <editor-fold defaultstate="collapsed" desc="Generated Code">
    private void initComponents() {

        jPanel1 = new javax.swing.JPanel();
        jTextField1 = new javax.swing.JTextField();
        jTextField2 = new javax.swing.JTextField();
        jButton1 = new javax.swing.JButton();
        jButton2 = new javax.swing.JButton();
        jLabel1 = new javax.swing.JLabel();
        jLabel2 = new javax.swing.JLabel();

        setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);

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

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        jTextField1ActionPerformed(evt);
    }
});

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

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

jLabel1.setText("Enter Name:");

jLabel2.setText("# of characters");

javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addContainerGap()
            .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel2)
                .addComponent(jLabel1)
                .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jTextField2)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_SIZE, 150, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                        .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
                        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 100, javax.swing.GroupLayout.PREFERRED_SIZE)
                    )
                )
            .addContainerGap(150, Short.MAX_VALUE))
        .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(45, 45, 45)
            .addContainerGap()
        )
);
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oupLayout.Alignment.LEADING)  
g.GroupLayout.Alignment.LEADING, false)  
  
.DEFAULT_SIZE, 265, Short.MAX_VALUE))  
jPanell1Layout.createSequentialGroup()  
PREFERRED_SIZE, 97, javax.swing.GroupLayout.PREFERRED_SIZE)  
  
PREFERRED_SIZE, 110, javax.swing.GroupLayout.PREFERRED_SIZE))))
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jPanel1Layout.setVerticalGroup(
    jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment
    .addGroup(jPanel1Layout.createSequentialGroup())
        .addComponent(jLabel1)
        .addGap(10, 10, 10)
        .addComponent(jTextField1, javax.swing.GroupLayout.PREFERRED_S
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RE
        .addComponent(jLabel2)
        .addGap(4, 4, 4)
        .addComponent(jTextField2, javax.swing.GroupLayout.PREFERRED_S
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RE
        .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupL
            .addComponent(jButton1, javax.swing.GroupLayout.DEFAULT_SI
            .addComponent(jButton2, javax.swing.GroupLayout.DEFAULT_SI
        .addContainerGap(47, Short.MAX_VALUE))
);

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getConten
getContentPane().setLayout(layout);
layout.setHorizontalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING
    .addGroup(layout.createSequentialGroup())
        .addGap(26, 26, 26)
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
        .addContainerGap(30, Short.MAX_VALUE))
);
layout.setVerticalGroup(
    layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING
    .addGroup(layout.createSequentialGroup())
        .addContainerGap()
        .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, j
        .addContainerGap()
);

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

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String word;
    word = jTextField1.getText();
    int wordlength = word.length();
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SIZE, 48, javax.swing.GroupLayout.PREFERRED_SIZE)
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ayout.Alignment.LEADING, false)
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javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)

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avax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
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        jTextField2.setText(String.valueOf(wordlength));
    }

    private void jTextField1ActionPerformed(java.awt.event.ActionEvent evt) {
        // TODO add your handling code here:
    }

    private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
        System.exit(0);
    }

    /**
     * @param args the command line arguments
     */
    public static void main(String args[]) {
        /* Set the Nimbus look and feel */
        //
```

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ode (optional) ">
    default look and feel.
lookandfeel/plaf.html

anager.getInstalledLookAndFeels()) {

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        new LetterCount().setVisible(true);
    }
    });
}

// Variables declaration - do not modify
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JPanel jPanel1;
private javax.swing.JTextField jTextField1;
private javax.swing.JTextField jTextField2;
// End of variables declaration
}
```

