

Marks.java :

```
import java.awt.EventQueue;

import javax.swing.JFrame;
import javax.swing.GroupLayout;
import javax.swing.GroupLayout.Alignment;
import javax.swing.JLabel;
import javax.swing.LayoutStyle.ComponentPlacement;
import javax.swing.JTextField;
import javax.swing.JButton;
import java.awt.event.ActionListener;
import java.awt.event.ActionEvent;
import java.awt.Font;

public class marks {

    private JFrame frame;
    private JTextField textm1;
    private JTextField textm2;
    private JTextField textm3;

    /**
     * Launch the application.
     */
    public static void main(String[] args) {
        EventQueue.invokeLater(new Runnable() {
            public void run() {
                try {
                    marks window = new marks();
                    window.frame.setVisible(true);
                } catch (Exception e) {
                    e.printStackTrace();
                }
            }
        });
    }

    /**
     * Create the application.
     */
    public marks() {
        initialize();
    }

    /**
     * Initialize the contents of the frame.
     */
    private void initialize() {
        frame = new JFrame();
        frame.setBounds(100, 100, 1000, 1000);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);

        JLabel lblSub = new JLabel("sub1");
```

```

lblSub.setFont(new Font("Tahoma", Font.PLAIN, 30));

JLabel lblSub_1 = new JLabel("sub2");
lblSub_1.setFont(new Font("Tahoma", Font.PLAIN, 30));

JLabel lblSub_2 = new JLabel("sub3");
lblSub_2.setFont(new Font("Tahoma", Font.PLAIN, 30));

textm1 = new JTextField();
textm1.setFont(new Font("Tahoma", Font.PLAIN, 30));
textm1.setColumns(10);

textm2 = new JTextField();
textm2.setFont(new Font("Tahoma", Font.PLAIN, 30));
textm2.setColumns(10);

textm3 = new JTextField();
textm3.setFont(new Font("Tahoma", Font.PLAIN, 30));
textm3.setColumns(10);

JButton btnSubmit = new JButton("submit");
btnSubmit.setFont(new Font("Tahoma", Font.PLAIN, 30));
btnSubmit.addActionListener(new ActionListener() {
    public void actionPerformed(ActionEvent e) {
        float m1=Float.parseFloat(textm1.getText());
        float m2=Float.parseFloat(textm2.getText());
        float m3=Float.parseFloat(textm3.getText());

        float per=((m1+m2+m3)/300*100);
        percentage pr=new percentage();
        pr.update(per);
        pr.setVisible(true);
    }
});
GroupLayout groupLayout = new GroupLayout(frame.getContentPane());
groupLayout.setHorizontalGroup(
    groupLayout.createParallelGroup(Alignment.LEADING)
        .addGroup(groupLayout.createSequentialGroup()

.addGroup(groupLayout.createParallelGroup(Alignment.LEADING)

.addGroup(groupLayout.createParallelGroup(Alignment.TRAILING, false)
            .addGroup(Alignment.LEADING,
groupLayout.createSequentialGroup()

                .addGap(42)
                .addComponent(lblSub_2)

            .addPreferredGap(ComponentPlacement.RELATED, GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

                .addComponent(textm3,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
            .addGroup(Alignment.LEADING,
groupLayout.createSequentialGroup()

                .addGap(33)

```

```

        .addGroup(groupLayout.createParallelGroup(Alignment.LEADING)

        .addGroup(groupLayout.createSequentialGroup())

        .addComponent(lblSub, GroupLayout.PREFERRED_SIZE, 98,
GroupLayout.PREFERRED_SIZE)

                                                                .addGap(162)

        .addComponent(textm1, GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
GroupLayout.PREFERRED_SIZE))

        .addGroup(groupLayout.createSequentialGroup())

        .addComponent(lblSub_1)

        .addPreferredGap(ComponentPlacement.RELATED, GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE)

        .addComponent(textm2, GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE,
GroupLayout.PREFERRED_SIZE))))))

                                                                .addGroup(groupLayout.createSequentialGroup())
                                                                .addGap(358)
                                                                .addComponent(btnSubmit))
        .addContainerGap(425, Short.MAX_VALUE))

    );
    groupLayout.setVerticalGroup(
        groupLayout.createParallelGroup(Alignment.LEADING)
            .addGroup(groupLayout.createSequentialGroup())
                .addContainerGap()

        .addGroup(groupLayout.createParallelGroup(Alignment.BASELINE)
            .addComponent(textm1,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE)
            .addComponent(lblSub,
GroupLayout.PREFERRED_SIZE, 58, GroupLayout.PREFERRED_SIZE))
            .addGap(121)

        .addGroup(groupLayout.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblSub_1)
            .addComponent(textm2,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
            .addGap(133)

        .addGroup(groupLayout.createParallelGroup(Alignment.BASELINE)
            .addComponent(lblSub_2)
            .addComponent(textm3,
GroupLayout.PREFERRED_SIZE, GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
            .addGap(69)
            .addComponent(btnSubmit)
            .addContainerGap(396, Short.MAX_VALUE))

    );
    frame.getContentPane().setLayout(groupLayout);
}
}

```

Percentage.java :

```
import java.awt.BorderLayout;
```

```
import java.awt.EventQueue;
```

```
import javax.swing.JFrame;
```

```
import javax.swing.JPanel;
```

```
import javax.swing.border.EmptyBorder;
```

```
import javax.swing.GroupLayout;
```

```
import javax.swing.GroupLayout.Alignment;
```

```
import javax.swing.JLabel;
```

```
import javax.swing.JTextField;
```

```
import javax.swing.LayoutStyle.ComponentPlacement;
```

```
import java.awt.Font;
```

```
public class percentage extends JFrame {
```

```
private JPanel contentPane;
```

```
private JTextField textper;
```

/ **

* Launch the application.

$$*/$$

```
public static void main(String[] args) {
```

```
EventQueue.invokeLater(new Runnable() {
```

```
public void run() {
```

```
try {
```

```
percentage frame = new percentage();
```

```

        frame.setVisible(true);
    } catch (Exception e) {
        e.printStackTrace();
    }
}

});
}

/**
 * Create the frame.
 */
public percentage() {
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setBounds(100, 100, 798, 567);
    contentPane = new JPanel();
    contentPane.setBorder(new EmptyBorder(5, 5, 5, 5));
    setContentPane(contentPane);

    JLabel lblPercent = new JLabel("percent");
    lblPercent.setFont(new Font("Tahoma", Font.PLAIN, 30));

    textper = new JTextField();
    textper.setFont(new Font("Tahoma", Font.PLAIN, 30));
    textper.setEditable(false);
    textper.setColumns(10);
    GroupLayout gl_contentPane = new GroupLayout(contentPane);
    gl_contentPane.setHorizontalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()

```

```

        .addGap(60)
        .addComponent(lblPercent)
        .addGap(172)
        .addComponent(textper, GroupLayout.PREFERRED_SIZE,
GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE)
        .addContainerGap(243, Short.MAX_VALUE))
    );
    gl_contentPane.setVerticalGroup(
        gl_contentPane.createParallelGroup(Alignment.LEADING)
            .addGroup(gl_contentPane.createSequentialGroup()
                .addGap(83)

                .addGroup(gl_contentPane.createParallelGroup(Alignment.BASELINE)
                    .addComponent(lblPercent)
                    .addComponent(textper, GroupLayout.PREFERRED_SIZE,
GroupLayout.DEFAULT_SIZE, GroupLayout.PREFERRED_SIZE))
                .addContainerGap(377, Short.MAX_VALUE))
            );
    contentPane.setLayout(gl_contentPane);
}

public void update(float per)
{
    textper.setText(Float.toString(per));
}

}

```

sub1

75

sub2

79

sub3

84

submit

percent

79.333336