

```

package p6;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.*.*;
class ItemClick implements ActionListener{

    public void actionPerformed(ActionEvent e) {
        Object obj = e.getSource();
        JMenuItem itm = (JMenuItem)obj;
        System.out.println(itm.getLabel());
    }

}

public class JmenuDemo extends JFrame{
    JMenuBar jmb;
    JMenu jfile,jedit;
    JMenuItem open,close,save,exit;
    JMenuItem undo,cut,copy,paste;

    public JmenuDemo(String str){
        super(str);
        jmb = new JMenuBar();
        jfile = new JMenu("File");
        jedit = new JMenu("Edit");
        open = new JMenuItem("open");
        open.addActionListener(new ItemClick());
        close = new JMenuItem("close");
        save = new JMenuItem("save");
        exit = new JMenuItem("Exit");

        undo = new JMenuItem("undo");
        cut = new JMenuItem("cut");
        copy = new JMenuItem("copy");
        paste = new JMenuItem("paste");

        this.setJMenuBar(jmb);
        jfile.add(open);
        jfile.add(close);
        jfile.add(save);
        jfile.addSeparator();
    }
}

```

```
jfile.add(exit);

jedit.add(undo);
jedit.addSeparator();
jedit.add(cut);
jedit.add(copy);
jedit.add(paste);
jmb.add(jfile,0);
jmb.add(jedit,1);

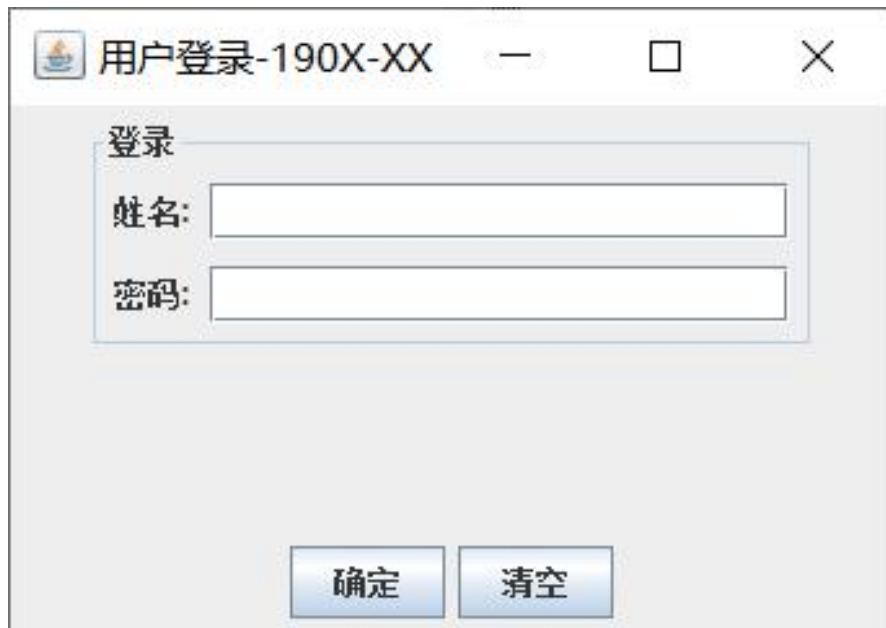
this.setLocation(500,200);
this.setSize(350, 250);
this.setDefaultCloseOperation(EXIT_ON_CLOSE);
this.setVisible(true);
}

public static void main(String[] args) {
    new JmenuDemo("1902-17");
}
}
```

```

1 package p6;
2
3 import java.awt.event.ActionEvent;
4 import java.awt.event.ActionListener;
5 import javax.swing.*;
6 class ItemClick implements ActionListener{
7
8     public void actionPerformed(ActionEvent e) {
9         Object obj = e.getSource();
10        JMenuItem item1 = (JMenuItem)obj;
11        System.out.println(""+item1.getLabel());
12    }
13 }
14
15 public class JmenuDemo extends JFrame {
16     JMenuBar jmb;
17     JMenu jfile, jedit;
18     JMenuItem open, close, save, exit;
19     JMenuItem cut, copy, paste, undo;
20     public JmenuDemo(String str){
21         super(str);
22         jmb = new JMenuBar();
23         this.setJMenuBar(jmb);
24         jfile = new JMenu("File");
25         jedit = new JMenu("Edit");
26         jmb.add(jfile, 0);
27         jmb.add(jedit, 1);
28         open = new JMenuItem("open");
29         close = new JMenuItem("close");
30         save = new JMenuItem("Save");
31         exit = new JMenuItem("Exit");
32         cut = new JMenuItem("cut");
33         copy = new JMenuItem("copy");
34
35         paste = new JMenuItem("paste");
36         undo = new JMenuItem("undo");
37         undo.addActionListener(new ItemClick());
38         jfile.add(open);
39         jfile.add(close);
40         jfile.add(save);
41         jfile.addSeparator();
42         jfile.add(exit);
43
44         jedit.add(undo);
45         jedit.addSeparator();
46         jedit.add(cut);
47         jedit.add(copy);
48         jedit.add(paste);
49         jmb.add(jfile, 1);
50         jmb.add(jedit, 0);
51
52         this.setBounds(500, 200, 350, 300);
53         this.setDefaultCloseOperation(EXIT_ON_CLOSE);
54         this.setVisible(true);
55     }
56     public static void main(String[] args) {
57         new JmenuDemo("19XX-XX");
58     }
59 }
60
61 }

```



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

import javax.swing.*;

public class Login extends JFrame {
    JLabel label1, label2;
    JTextField tf1, tf2;
    JButton bt1, bt2;
    JPanel pan0, pan, pan1, pan2, pan3;

    public Login(String str) {
        super(str);
        label1 = new JLabel("姓名: ");
        label2 = new JLabel("密码: ");
        tf1 = new JTextField(20);
        tf2 = new JTextField(20);
        bt1 = new JButton("确定");
        bt2 = new JButton("清空");
        this.setSize(360, 250);
        this.setLocation(300, 200);
        this.setDefaultCloseOperation(EXIT_ON_CLOSE);
    }
}
```

```
        this.setLayout(new BorderLayout());
        pan = new JPanel();
        pan.setBorder(BorderFactory.createTitledBorder("登录"));
        pan.setLayout(new GridLayout(2, 1));
        pan1 = new JPanel();
        pan2 = new JPanel();
        pan1.add(label1);
        pan1.add(tf1);
        pan2.add(label2);
        pan2.add(tf2);
        pan.add(pan1);
        pan.add(pan2);
        pan3 = new JPanel();
        pan3.add(bt1);
        pan3.add(bt2);
        pan0 = new JPanel();
        pan0.add(pan);
        this.add(pan0, "North");
        this.add(pan3, "South");
        this.setVisible(true);
    }

    public static void main(String[] args) {
        new Login("用户登录-190X-XX");
    }
}
```



1、用户在两个输入框中分别输入两个整数，单击“求积”按钮，在第三个 JLabel 中显示两数中的积，单击“求和”按钮，在第四个 JLabel 中显示两数的和。

```
package p6;

import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

import javax.swing.*;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;

class JiSuanTest extends JFrame implements ActionListener
{
    JLabel l1,l2,l3,l4,separator,separator1;
    JTextField t1,t2,t3,t4;
    JButton b1,b2;
    public JiSuanTest()
    {
        l1=new JLabel("请输入数字 1:(XXX)");
        l2=new JLabel("请输入数字 2:(NNN)");
        l3=new JLabel();
        l4=new JLabel();
        separator =new JLabel();
    }
}
```

```

        seperator.setSize(160, 2);
        seperator.setOpaque(true);
        seperator.setBackground(Color.BLUE);
        seperator1 =new JLabel();
        seperator1.setSize(160, 2);
        seperator1.setOpaque(true);
        seperator1.setBackground(Color.RED);
        t1=new JTextField(6);
        t2=new JTextField(6);
        b1=new JButton("求积");
        b2=new JButton("求和");
        b1.addActionListener(this);
        b2.addActionListener(this);
        setLayout(new GridLayout(5,2));
        add(l1);
        add(t1);
        add(l2);
        add(t2);
        add(b1);
        add(l3);
        add(seperator);
        add(seperator1);
        add(b2);
        add(l4);
        setSize(320,260);
        setTitle("求两个数的积与和");
        setVisible(true);
        double
scr_width=Toolkit.getDefaultToolkit().getScreenSize().getWidth();
        double
scr_height=Toolkit.getDefaultToolkit().getScreenSize().getHeight();
        double x1=(scr_width-getWidth())/2;
        double y1=(scr_height-getHeight())/2;
        int x=new Double(x1).intValue ();
        int y=new Double(y1).intValue();
        setLocation(x,y);
setDefaultCloseOperation(EXIT_ON_CLOSE);
    }
    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==b1)
            l3.setText("
"+(Integer.parseInt(t1.getText())*Integer.parseInt(t2.getText())));
        if(e.getSource()==b2)

```



```
        l4.setText("
"+(Integer.parseInt(t1.getText())+Integer.parseInt(t2.getText())));
    }
    public static void main(String args[])
    {
        new JiSuanTest();
    }
}
```