

Forms using Swing

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[1907012] old roll no

1).Create account form

CODE:

```
import javax.swing.*;

class account
{
    public static void main(String args[])
    {
        JFrame f= new JFrame("ACCOUNT");
        JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9;

        l1=new JLabel("CREATE ACCOUNT");
        l1.setBounds(330,20,1000,50);

        l2=new JLabel("UserName");
        l2.setBounds(50,100, 100,30);

        l3=new JLabel("Password");
        l3.setBounds(50,150, 100,30);

        l4=new JLabel("Confirm Password");
        l4.setBounds(50,200, 100,30);
```

```
l5=new JLabel("Name");  
l5.setBounds(50,250, 100,30);
```

```
l6=new JLabel("Email");  
l6.setBounds(50,300, 100,30);
```

```
l7=new JLabel("Age");  
l7.setBounds(50,350, 100,30);
```

```
l8=new JLabel("Gender");  
l8.setBounds(50,400, 100,30);
```

```
l9=new JLabel("Contact");  
l9.setBounds(50,450, 100,30);
```

```
f.add(l1);  
f.add(l2);  
f.add(l3);  
f.add(l4);  
f.add(l5);  
f.add(l6);  
f.add(l7);  
f.add(l8);  
f.add(l9);
```

```
JTextField t1,t2,t3,t4,t5;  
t1=new JTextField("");  
t1.setBounds(160,100, 200,30);  
f.add(t1);
```

```
t2=new JTextField("");  
t2.setBounds(160,250, 200,30);  
f.add(t2);
```

```
t3=new JTextField("");
```

```
t3.setBounds(160,300, 200,30);  
f.add(t3);
```

```
t4=new JTextField("");  
t4.setBounds(160,350, 200,30);  
f.add(t4);
```

```
t5=new JTextField("");  
t5.setBounds(160,450, 200,30);  
f.add(t5);
```

```
JPasswordField value = new JPasswordField();  
value.setBounds(160,150,200,30);  
f.add(value);  
JPasswordField value1 = new JPasswordField();  
value1.setBounds(160,200,200,30);  
f.add(value1);
```

```
JRadioButton r1=new JRadioButton("Male");  
JRadioButton r2=new JRadioButton("Female");  
JRadioButton r3=new JRadioButton("Others");
```

```
r1.setBounds(160,400,100,30);  
r2.setBounds(260,400,100,30);  
r3.setBounds(360,400,100,30);
```

```
ButtonGroup bg=new ButtonGroup();  
bg.add(r1);  
bg.add(r2);  
bg.add(r3);
```

```
f.add(r1);  
f.add(r2);  
f.add(r3);
```

```
JButton b=new JButton("Cancel");  
b.setBounds(350,600,90,40);  
f.add(b);
```

```
JButton b1=new JButton("Create");  
b1.setBounds(500,600,90,40);  
f.add(b1);
```

```
f.setSize(1000,800);  
f.setLayout(null);  
f.setVisible(true);  
}
```

```
}
```

Output:

The screenshot shows a Java Swing window titled "account" with a standard macOS-style title bar (red, yellow, green buttons). The window content has a light gray background and a title "Label" in the top right corner. The main heading is "CREATE ACCOUNT". Below it, there are several form fields with labels to their left:

- UserName: yashchitroda
- Password: (masked)
- Confirm Pass...: (masked)
- Name: yash
- Email: abc@gmail.com
- Age: 19
- Gender: ☒ Male ☐ Female ☐ Others
- Contact: 1234567890

At the bottom right, there are two buttons: "Cancel" and "Create". The "Create" button is highlighted with a blue border.

2).Checkup Form

Code:

```
import javax.swing.*.*;
class checkup
{
    public static void main(String args[])
    {
        JFrame f= new JFrame("CHECKUP");
        JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10,l11;

        l1=new JLabel("CHECKUP FORM");
        l1.setBounds(330,20,1000,70);

        l2=new JLabel("FirstName");
        l2.setBounds(50,100, 100,30);

        l3=new JLabel("LastName");
        l3.setBounds(50,150, 100,30);

        l4=new JLabel("Address");
        l4.setBounds(50,200, 100,30);

        l5=new JLabel("Email");
        l5.setBounds(50,250, 100,30);

        l6=new JLabel("Age");
        l6.setBounds(50,300, 100,30);
```

```
l9=new JLabel("height(in cm)");  
l9.setBounds(50,350, 100,30);
```

```
l10=new JLabel("Weight(in KG)");  
l10.setBounds(50,400, 100,30);
```

```
l7=new JLabel("Gender");  
l7.setBounds(50,450, 100,30);
```

```
l8=new JLabel("Contact");  
l8.setBounds(50,500, 100,30);
```

```
l11=new JLabel("PAST DISEASES");  
l11.setBounds(550,75, 100,20);
```

```
f.add(l1);  
f.add(l2);  
f.add(l3);  
f.add(l4);  
f.add(l5);  
f.add(l6);  
f.add(l7);  
f.add(l8);  
f.add(l9);  
f.add(l10);  
f.add(l11);
```

```
JTextField t1,t2,t3,t4,t5,t6,t7;  
t1=new JTextField("");  
t1.setBounds(160,100, 200,30);  
f.add(t1);
```

```
t2=new JTextField("");  
t2.setBounds(160,250, 200,30);  
f.add(t2);
```

```
t3=new JTextField("");  
t3.setBounds(160,300, 200,30);  
f.add(t3);
```

```
t4=new JTextField("");  
t4.setBounds(160,350, 200,30);  
f.add(t4);
```

```
t5=new JTextField("");  
t5.setBounds(160,500, 200,30);  
f.add(t5);
```

```
t6=new JTextField("");  
t6.setBounds(160,150, 200,30);  
f.add(t6);
```

```
t5=new JTextField("");  
t5.setBounds(160,400, 200,30);  
f.add(t5);
```

```
JTextArea area=new JTextArea("");  
area.setBounds(160,200, 200,40);
```

```
f.add(area);
```

```
JRadioButton r1=new JRadioButton("Male");  
JRadioButton r2=new JRadioButton("Female");
```

```
JRadioButton r3=new JRadioButton("Others");
```

```
r1.setBounds(160,450,100,30);
```

```
r2.setBounds(260,450,100,30);
```

```
r3.setBounds(360,450,100,30);
```

```
ButtonGroup bg=new ButtonGroup();
```

```
bg.add(r1);
```

```
bg.add(r2);
```

```
bg.add(r3);
```

```
f.add(r1);
```

```
f.add(r2);
```

```
f.add(r3);
```

```
JCheckBox checkBox1 = new JCheckBox("Allergies");
```

```
checkBox1.setBounds(550,100, 100,50);
```

```
JCheckBox checkBox2 = new JCheckBox("Fever");
```

```
checkBox2.setBounds(550,150, 150,50);
```

```
JCheckBox checkBox3 = new JCheckBox("Nausea");
```

```
checkBox3.setBounds(550,200, 150,50);
```

```
JCheckBox checkBox4 = new JCheckBox("Hypertension");
```

```
checkBox4.setBounds(550,250, 200,50);
```

```
JCheckBox checkBox5 = new JCheckBox("Fobia");
```

```
checkBox5.setBounds(550,300, 250,50);
```

```
JCheckBox checkBox6 = new JCheckBox("Fatigue");
```

```
checkBox6.setBounds(550,350, 250,50);
```



```
f.add(checkBox1);
f.add(checkBox2);
f.add(checkBox3);
f.add(checkBox4);
f.add(checkBox5);
f.add(checkBox6);

JButton b=new JButton("Cancel");
b.setBounds(350,600,90,40);
f.add(b);

JButton b1=new JButton("SUBMIT");
b1.setBounds(500,600,90,40);
f.add(b1);

f.setSize(1000,800);
f.setLayout(null);
f.setVisible(true);
}
}
```

Output:

The screenshot shows a Java Swing window titled "CHECKUP" with a standard macOS-style title bar. The window contains two main sections: "CHECKUP FORM" and "PAST DISEASES".

CHECKUP FORM

Fields and values:

- FirstName: YASH
- LastName: CHITRODA
- Address: XYZ STREET CA USA
- Email: abc@gmail.com
- Age: 19
- height(in cm): 180
- Weight(in KG): 59
- Gender: ☒ Male, ☐ Female, ☐ Others
- Contact: 1234567890

PAST DISEASES

Fields and values:

- ☒ Allergies
- ☐ Fever
- ☐ Nausea
- ☐ Hypertension
- ☒ Fobia
- ☐ Fatigue

At the bottom right, there are two buttons: "Cancel" and "SUBMIT".

3).DEVELOPER FORM

CODE:

```
import javax.swing.*.*;  
class developer
```

```
{  
  
    public static void main(String args[])  
    {  
  
        JFrame f= new JFrame("SURVEY FORM");  
        JLabel l1,l2,l3,l4,l5,l6,l7,l8,l9,l10;  
  
        l1=new JLabel("YOU ARE?");  
        l1.setBounds(1100,75, 300,20);  
  
        l2=new JLabel("FirstName");  
        l2.setBounds(50,100, 100,30);  
  
        l3=new JLabel("LastName");  
        l3.setBounds(50,150, 100,30);  
  
        l4=new JLabel("Address");  
        l4.setBounds(50,200, 100,30);  
  
        l5=new JLabel("Email");  
        l5.setBounds(50,250, 100,30);  
  
        l6=new JLabel("Age");  
        l6.setBounds(50,300, 100,30);  
  
        l7=new JLabel("Gender");  
        l7.setBounds(50,350, 100,30);  
  
        l8=new JLabel("Contact");  
        l8.setBounds(50,400, 100,30);  
    }  
}
```

```
l9=new JLabel("PAST EXPERIENCES");  
l9.setBounds(550,75, 200,20);
```

```
l10=new JLabel("PREFERRED CODING TIME");  
l10.setBounds(850,75, 300,20);
```

```
f.add(l1);  
f.add(l2);  
f.add(l3);  
f.add(l4);  
f.add(l5);  
f.add(l6);  
f.add(l7);  
f.add(l8);  
f.add(l9);  
f.add(l10);
```

```
JTextField t1,t2,t3,t4,t5;  
t1=new JTextField("");  
t1.setBounds(160,100, 200,30);  
f.add(t1);
```

```
t2=new JTextField("");  
t2.setBounds(160,250, 200,30);  
f.add(t2);
```

```
t3=new JTextField("");  
t3.setBounds(160,300, 200,30);  
f.add(t3);
```

```
t4=new JTextField("");  
t4.setBounds(160,400, 200,30);
```

```
f.add(t4);
```

```
t5=new JTextField("");
```

```
t5.setBounds(160,150, 200,30);
```

```
f.add(t5);
```

```
JTextArea area=new JTextArea("");
```

```
area.setBounds(160,200, 200,40);
```

```
f.add(area);
```

```
JRadioButton r1=new JRadioButton("Male");
```

```
JRadioButton r2=new JRadioButton("Female");
```

```
JRadioButton r3=new JRadioButton("Others");
```

```
r1.setBounds(160,350,100,30);
```

```
r2.setBounds(260,350,100,30);
```

```
r3.setBounds(360,350,100,30);
```

```
ButtonGroup bg=new ButtonGroup();
```

```
bg.add(r1);
```

```
bg.add(r2);
```

```
bg.add(r3);
```

```
f.add(r1);
```

```
f.add(r2);
```

```
f.add(r3);
```

```
JRadioButton r4=new JRadioButton("Early Morning");
```

```
JRadioButton r5=new JRadioButton("Mid-Day");
```

```
JRadioButton r6=new JRadioButton("Late Night");
```

```
r4.setBounds(850,150,200,30);  
r5.setBounds(850,200,100,30);  
r6.setBounds(850,250,100,30);
```

```
ButtonGroup bg1=new ButtonGroup();  
bg1.add(r4);  
bg1.add(r5);  
bg1.add(r6);
```

```
f.add(r4);  
f.add(r5);  
f.add(r6);
```

```
JCheckBox checkBox1 = new JCheckBox("SWIFT");  
checkBox1.setBounds(550,100, 100,50);
```

```
JCheckBox checkBox2 = new JCheckBox("C");  
checkBox2.setBounds(550,150, 150,50);
```

```
JCheckBox checkBox3 = new JCheckBox("C#");  
checkBox3.setBounds(550,200, 150,50);
```

```
JCheckBox checkBox4 = new JCheckBox("Hadoop");  
checkBox4.setBounds(550,250, 200,50);
```

```
JCheckBox checkBox5 = new JCheckBox("Lisp");  
checkBox5.setBounds(550,300, 250,50);
```

```
JCheckBox checkBox6 = new JCheckBox("JAVA");  
checkBox6.setBounds(550,350, 250,50);
```

```
f.add(checkBox1);  
f.add(checkBox2);  
f.add(checkBox3);  
f.add(checkBox4);  
f.add(checkBox5);  
f.add(checkBox6);
```

```
JCheckBox checkBox7 = new JCheckBox("Web Developer");  
checkBox7.setBounds(1100,100, 400,50);
```

```
JCheckBox checkBox8 = new JCheckBox("App Developer");  
checkBox8.setBounds(1100,150, 450,50);
```

```
JCheckBox checkBox9 = new JCheckBox("FullStack Developer");  
checkBox9.setBounds(1100,200, 450,50);
```

```
JCheckBox checkBox10 = new JCheckBox("Backend Developer");  
checkBox10.setBounds(1100,250, 400,50);
```

```
JCheckBox checkBox11 = new JCheckBox("DevOps Developer");  
checkBox11.setBounds(1100,300, 450,50);
```

```
JCheckBox checkBox12 = new JCheckBox("Software Developer");  
checkBox12.setBounds(1100,350, 450,50);
```

```
f.add(checkBox7);  
f.add(checkBox8);  
f.add(checkBox9);  
f.add(checkBox10);  
f.add(checkBox11);  
f.add(checkBox12);
```

```
JButton b=new JButton("Cancel");  
b.setBounds(550,600,90,40);  
f.add(b);
```

```
JButton b1=new JButton("SUBMIT");  
b1.setBounds(750,600,90,40);  
f.add(b1);
```

```
f.setSize(1000,800);  
f.setLayout(null);  
f.setVisible(true);  
}
```

```
}
```

OUTPUT

The screenshot shows a Java Swing application window titled "SURVEY FORM". The window has a light gray background and a blue title bar. The form is organized into four columns:

- Personal Information:**
 - FirstName: YASH
 - LastName: CHITRODA
 - Address: xyz street california USA
 - Email: abc@gmail.com
 - Age: 19
 - Gender: ☒ Male, ☐ Female, ☐ Others
 - Contact: 1234567812
- PAST EXPERIENCES:**
 - ☒ SWIFT
 - ☒ C
 - ☐ C#
 - ☐ Hadoop
 - ☐ Lisp
 - ☒ JAVA
- PREFERRED CODING TIME:**
 - ☐ Early Morning
 - ☒ Mid-Day
 - ☐ Late Night
- YOU ARE?:**
 - ☒ Web Developer
 - ☒ App Developer
 - ☒ FullStack Developer
 - ☐ Backend Developer
 - ☐ DevOps Developer
 - ☒ Software Developer

At the bottom of the form, there are two buttons: "Cancel" and "SUBMIT".

