

//Program to compute Simple Interest using Swing Controls

```
import javax.swing.*;
import java.awt.*;
import java.awt.event.*;
public class SwingDemoExample extends JFrame implements
ActionListener {
```

```
    JLabel l1,l2,l3,l4,l5;
    JTextField t1,t2,t3,t4;
    JButton b1;
```

```
    SwingDemoExample(){
        l1=new JLabel("SIMPLE INTEREST CALCULATION");
        l1.setBounds(150,20,200,50);
```

```
        l2=new JLabel("Enter Principle Value");
        l2.setBounds(100,80,200,50);
        t1=new JTextField();
        t1.setBounds(300,90,100,30);
```

```
        l3=new JLabel("Enter Time Value");
        l3.setBounds(100,130,200,50);
        t2=new JTextField();
        t2.setBounds(300,150,100,30);
```

```
        l4=new JLabel("Enter Rate Value");
        l4.setBounds(100,180,200,50);
        t3=new JTextField();
        t3.setBounds(300,200,100,30);
```

```
        l5=new JLabel("Simple Interest Value");
        l5.setBounds(100,240,200,50);
        t4=new JTextField();
        t4.setBounds(300,245,100,30);
```

```
        b1=new JButton("Calculate");
```

```
b1.setBounds(200,300,100,30);  
b1.addActionListener(this);
```

```
add(l1);  
add(l2);  
add(t1);  
add(l3);  
add(t2);
```

```
add(l4);  
add(t3);  
add(l5);  
add(t4);  
add(b1);  
setLayout(null);  
setSize(500,500);  
setVisible(true);
```


```
}
```

```
public static void main(String[] args) {  
    // TODO Auto-generated method stub  
    new SwingDemoExample();  
}
```

```
@Override
```

```
public void actionPerformed(ActionEvent arg0) {  
    // TODO Auto-generated method stub  
    double p= Double.parseDouble(t1.getText());  
    double t= Double.parseDouble(t2.getText());  
    double r= Double.parseDouble(t3.getText());  
    double si=(p*t*r)/100.00;  
    t4.setText(new Double(si).toString());  
}
```

```
}
```

— □ ×

### SIMPLE INTEREST CALCULATION

Enter Principle Value	<input type="text" value="8900.00"/>
Enter Time Value	<input type="text" value="9.6"/>
Enter Rate Value	<input type="text" value="2.7"/>
Simple Interest Value	<input type="text" value="2306.88"/>