

```
// Java program to convert from
// rupee to the dollar and vice-versa
// using Java Swing

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

public class GFG {

    // Function to convert from rupee
    // to the dollar and vice-versa
    // using Java Swing
    public static void converter()
    {

        // Creating a new frame using JFrame
        JFrame f = new JFrame("CONVERTER");

        // Creating two labels
        JLabel l1, l2;

        // Creating two text fields.
        // One for rupee and one for
        // the dollar
        JTextField t1, t2;

        // Creating three buttons
```

```

JButton b1, b2, b3;

// Naming the labels and setting
// the bounds for the labels
l1 = new JLabel("Rupees:");
l1.setBounds(20, 40, 60, 30);
l2 = new JLabel("Dollars:");
l2.setBounds(170, 40, 60, 30);

// Initializing the text fields with
// 0 by default and setting the
// bounds for the text fields
t1 = new JTextField("0");
t1.setBounds(80, 40, 50, 30);
t2 = new JTextField("0");
t2.setBounds(240, 40, 50, 30);

// Creating a button for INR,
// one button for the dollar
// and one button to close
// and setting the bounds
b1 = new JButton("INR");
b1.setBounds(50, 80, 60, 15);
b2 = new JButton("Dollar");
b2.setBounds(190, 80, 60, 15);
b3 = new JButton("close");
b3.setBounds(150, 150, 60, 30);
```

```
// Adding action listener

b1.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e)

    {

        // Converting to double

        double d

            = Double.parseDouble(t1.getText());


        // Converting rupees to dollars

        double d1 = (d / 65.25);


        // Getting the string value of the

        // calculated value

        String str1 = String.valueOf(d1);


        // Placing it in the text box

        t2.setText(str1);

    }

});
```

```
// Adding action listener

b2.addActionListener(new ActionListener() {

    public void actionPerformed(ActionEvent e)

    {

        // Converting to double

        double d2
```

```
= Double.parseDouble(t2.getText());
```

```
// converting Dollars to rupees
```

```
double d3 = (d2 * 65.25);
```

```
// Getting the string value of the
```

```
// calculated value
```

```
String str2 = String.valueOf(d3);
```

```
// Placing it in the text box
```

```
t1.setText(str2);
```

```
}
```

```
});
```

```
// Action listener to close the form
```

```
b3.addActionListener(new ActionListener() {
```

```
    public void actionPerformed(ActionEvent e)
```

```
    {
```

```
        f.dispose();
```

```
    }
```

```
});
```

```
// Default method for closing the frame
```

```
f.addWindowListener(new WindowAdapter() {
```

```
    public void windowClosing(WindowEvent e)
```

```
    {
```

```
        System.exit(0);
```

```

        }

    });

    // Adding the created objects
    // to the form

    f.add(l1);

    f.add(t1);

    f.add(l2);

    f.add(t2);

    f.add(b1);

    f.add(b2);

    f.add(b3);


    f.setLayout(null);

    f.setSize(400, 300);

    f.setVisible(true);
}

// Driver code
public static void main(String args[])
{
    converter();
}
}

```