

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

public class SampleLabel {

    public static void main(String args[] ) {
        JFrame application = new JFrame("Label Demonstrator" );

        // Choose one of the following layout managers
        application.setLayout(new FlowLayout());
        //application.setLayout(new GridLayout());

        // JLabel constructor with a string argument
        JLabel label = new JLabel("Label with new text" );
        label.setToolTipText("This is label1" );
        application.add(label);

        // JLabel constructor with string, Icon and
        // alignment arguments
        Icon bug = new ImageIcon("bug1.png" );
        label = new JLabel("Label with text and icon" , bug,
            SwingConstants.LEFT);
        label.setToolTipText("This is label2" );
        application.add(label);

        // JLabel constructor no arguments
        label = new JLabel();
        label.setText("Label with icon and text at bottom" );
        label.setIcon(bug);
        label.setHorizontalTextPosition(SwingConstants.CENTER);
        label.setVerticalTextPosition(SwingConstants.BOTTOM);
        label.setToolTipText("This is label3" );
        application.add(label);

        application.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        application.setSize(275, 170);
        application.setVisible(true);
    }
}

/*****
 * Based on example code from Deitel & Associates, Inc. Prentice Hall. (2002)
 *****/
```