

```

1 package by.riit.gui_basic_component;
2
3 import java.awt.*;
4 import javax.swing.*;
5 import javax.swing.event.ChangeEvent;
6 import javax.swing.event.ChangeListener;
7
8 public class SliderDemoWell extends JFrame{
9
10     public SliderDemoWell(){
11         super("JSlider Demo");
12
13         // create a slider    min = 0    max = 50    value =15
14         final JSlider slider = new JSlider(JSlider.HORIZONTAL, 0, 50, 15);
15         slider.setMinorTickSpacing(5);
16         //slider.setMajorTickSpacing(20);
17         slider.setPaintTicks(true);
18         slider.setPaintLabels(true);
19         slider.setLabelTable(slider.createStandardLabels(10));
20
21         setLayout(new FlowLayout());
22         getContentPane().add(slider);
23         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
24         setSize(300, 200);
25         setLocationRelativeTo(null);
26         setVisible(true);
27
28         slider.addChangeListener(new ChangeListener() {
29             @Override
30             public void stateChanged(ChangeEvent e) {
31                 System.out.println("Current Value = " + slider.getValue());
32                 JOptionPane.showMessageDialog (null,
33                     "Current Value = " + slider.getValue(),
34                     "Title", JOptionPane.INFORMATION_MESSAGE);
35             }
36         });
37     }
38
39     public static void main(String[] args) {
40         new SliderDemoWell();
41     }
42 }

```