

myPanel.java

```
1 package testGUI;
2
3 import javax.swing.JPanel;
16
17 public class myPanel extends JPanel {
18     int red = 0;
19     int green = 0;
20     int blue = 0;
21     public myPanel() {
22         setBackground(Color.YELLOW);
23
24         JButton btnHello = new JButton("Hello");
25         btnHello.addActionListener(new ActionListener() {
26             public void actionPerformed(ActionEvent arg0) {
27                 // write your code here
28             }
29         });
30         setLayout(new FlowLayout(FlowLayout.CENTER, 5, 5));
31
32         JProgressBar progressBar = new JProgressBar();
33
34
35         JSlider rslider = new JSlider();
36         JSlider gslider = new JSlider();
37         JSlider bslider = new JSlider();
38         rslider.setMaximum(255);
39         gslider.setMaximum(255);
40         bslider.setMaximum(255);
41
42         rslider.addChangeListener(new ChangeListener() {
43             public void stateChanged(ChangeEvent arg0) {
44                 JSlider source = (JSlider)arg0.getSource();
45                 red = (int)source.getValue();
46                 progressBar.setBackground(new Color(red, green,
47 blue));
47             }
48         });
49         gslider.addChangeListener(new ChangeListener() {
50             public void stateChanged(ChangeEvent arg0) {
51                 JSlider source = (JSlider)arg0.getSource();
52                 green = (int)source.getValue();
```

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53         progressBar.setBackground(new Color(red, green,
54         blue));
55     }
56     });
57     bslider.addChangeListener(new ChangeListener() {
58         public void stateChanged(ChangeEvent arg0) {
59             JSlider source = (JSlider)arg0.getSource();
60             blue = (int)source.getValue();
61             progressBar.setBackground(new Color(red, green,
62             blue));
63         }
64     });
65     add(rslider);
66     add(gslider);
67     add(bslider);
68     progressBar.setBackground(new Color(102, 255, 102));
69     progressBar.setForeground(new Color(102, 102, 255));
70     add(progressBar);
71     add(btnHello);
72 }
73
74 }
75
```