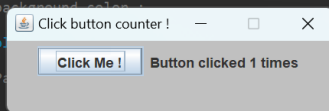
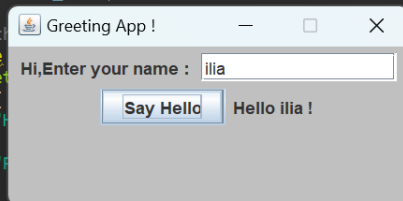


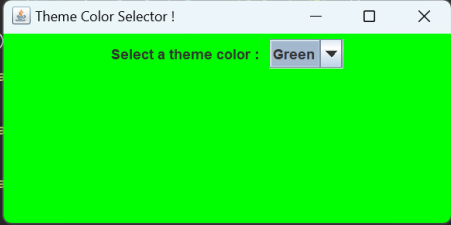
```
Main.java x
1 import javax.swing.*;
2 import java.awt.Color;
3 import java.util.*;
4
5 public class Main extends JFrame{
6
7     private static int clickCount = 0;
8     private JLabel label;
9     private JPanel panel;
10    private JButton button;
11
12    public Main() {
13
14        // Create a simple frame :
15        setTitle("Click button counter !");
16        setSize(300,100);
17        setResizable(false);
18        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
19        setLocationRelativeTo(null); // Place the frame in the center of the window
20
21        // Create things in to the frame :
22        label = new JLabel("Button clicked 0 times ! ");
23        button = new JButton("Click Me ! ");
24
25        // Create panel with background color :
26        panel = new JPanel();
27        panel.setBackground(Color.LIGHT_GRAY);
28
29        // Add things to the Panel :
30        panel.add(button);
31        panel.add(label);
32
33        //Add ActionListener to the button :
34        button.addActionListener(e -> {
35            clickCount++;
36            label.setText("Button clicked " + clickCount + " times ");
37        });
38
39        // add panel to the frame :
40        add(panel);
```



```
10
11    public Main() {
12
13        // Create Frame :
14        setTitle("Greeting App ! ");
15        setSize(300,150);
16        setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
17        setResizable(false);
18        setLocationRelativeTo(null);
19
20        // Create UI things :
21        JLabel label = new JLabel("Hi,Enter your name : ");
22
23        name = new JTextField(15);
24
25        JButton button = new JButton("Say Hello");
26
27        greeting = new JLabel(" ");
28
29        // Create panel:
30        panel = new JPanel();
31        panel.setLayout(new FlowLayout());
32        panel.setBackground(Color.LIGHT_GRAY);
33
34        // Add ActionListener to the button :
35        button.addActionListener(e -> {
36            String name1 = name.getText();
37            if(!name1.isEmpty()) {
38                greeting.setText("Hello " + name1);
39            }else {
40                greeting.setText(" ");
41            }
42        });
43
44        panel.add(label);
45        panel.add(name);
46        panel.add(button);
47        panel.add(greeting);
48
49        add(panel);
```



```
Main.java x
1 import javax.swing.*;
2 import java.awt.*;
3 import java.awt.event.*;
4
5 public class Main extends JFrame{
6
7     private JComboBox<String> colorComboBox;
8
9     public Main() {
10
11         setTitle("Theme Color Selector !");
12         setSize(400,200);
13         setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
14         setLocationRelativeTo(null);
15
16         // Color :
17         String[] colors = {"Red","Green","Blue"};
18         colorComboBox = new JComboBox<>(colors);
19
20         //Listeners for color selection :
21         colorComboBox.addActionListener(e -> {
22             String selected
23
24             switch(selected)
25             case "Red" :
26                 getContentPane()
27                 break;
28             case "Green" :
29                 getContentPane()
30                 break;
31             case "Blue" :
32                 getContentPane()
33                 break;
34         }
35     });
36
37     // setLayout and add ComboBox :
38     setLayout(new FlowLayout());
39     add(new JLabel("Select a theme color : "));
40     add(colorComboBox);
}
```



```
Main.java x
1 import javax.swing.*;
2 import java.awt.*;
3 import java.awt.event.*;
4
5 public class Main extends JFrame{
6
7     private JComboBox<String> colorComboBox;
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11         setTitle("Theme Color Selector !");
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30                 break;
31             case "Blue" :
32                 getContentPane()
33                 break;
34         }
35     });
36
37     // setLayout and add ComboBox :
38     setLayout(new FlowLayout());
39     add(new JLabel("Select a theme color : "));
40     add(colorComboBox);
}
```

