

1.

```
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JLabel;
import javax.swing.JPanel;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;

public class javafx
{
    public static void main(String[] args) {
        JFrame frame = new JFrame("Button Example");
        frame.setSize(400, 300);
        frame.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
        JPanel panel = new JPanel();
        frame.add(panel);
        placeButtons(panel, frame);
        frame.setVisible(true);
    }

    private static void placeButtons(JPanel panel, JFrame frame) {
        panel.setLayout(null);

        JButton loginButton = new JButton("Login");
        loginButton.setBounds(150, 100, 100, 50);
        loginButton.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                openNewFrame();
            }
        });
        panel.add(loginButton);

        JButton closeButton = new JButton("Close");
        closeButton.setBounds(150, 160, 100, 50);
        closeButton.addActionListener(new ActionListener() {
            public void actionPerformed(ActionEvent e) {
                frame.dispose();
            }
        });
        panel.add(closeButton);
    }

    private static void openNewFrame() {
        JFrame newFrame = new JFrame("New Frame");
        newFrame.setSize(400, 300);
        newFrame.setDefaultCloseOperation(JFrame.DISPOSE_ON_CLOSE);
        JPanel newPanel = new JPanel();
```

```
newFrame.add(newPanel);  
JLabel label = new JLabel("hello guys i am coming from ap");  
newPanel.add(label);  
newFrame.setVisible(true);  
}  
}
```

