

```
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 welcome to my world!");
    newPanel.add(label);
    newFrame.setVisible(true);
}
}

```

Output:

