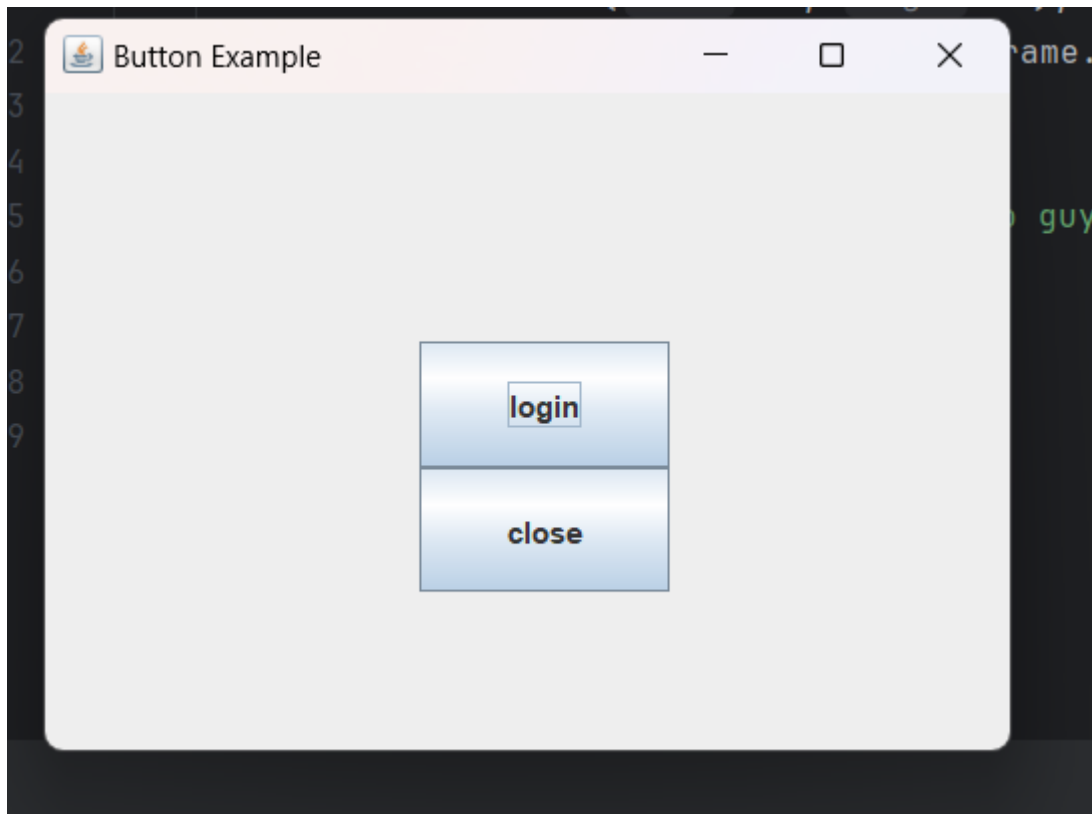**1)javafx.java**

CODE:

```java
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);

        placeButton(panel);

        frame.setVisible(true);

    }

    private static void placeButton(JPanel panel) {

        panel.setLayout(null);

        JButton button = new JButton("login");

        button.setBounds(150, 100, 100, 50);

        JButton button2 = new JButton("close");

        button2.setBounds(150, 150, 100, 50);

        button.addActionListener(new ActionListener() {
```

```java
            public void actionPerformed(ActionEvent e) {

                openNewFrame();

            }

        });

        panel.add(button);

        panel.add(button2);

    }

    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 channel!");

        newPanel.add(label);

        newFrame.setVisible(true);

    }

}
```

OUTPUT:

CLICK LOGIN

AFTET CLICKING LOGIN

New Frame

Hello friends i am somu!