

Assignment :-

Create login page

Program:-

```
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("one piece");
    newPanel.add(label);
    newFrame.setVisible(true);
}
}

```

Output:-

