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**Subject:- Advanced Java Programming Lab**

## **Experiment no.4**

**Aim:-** Implementing GUI interface using various Swing Components.

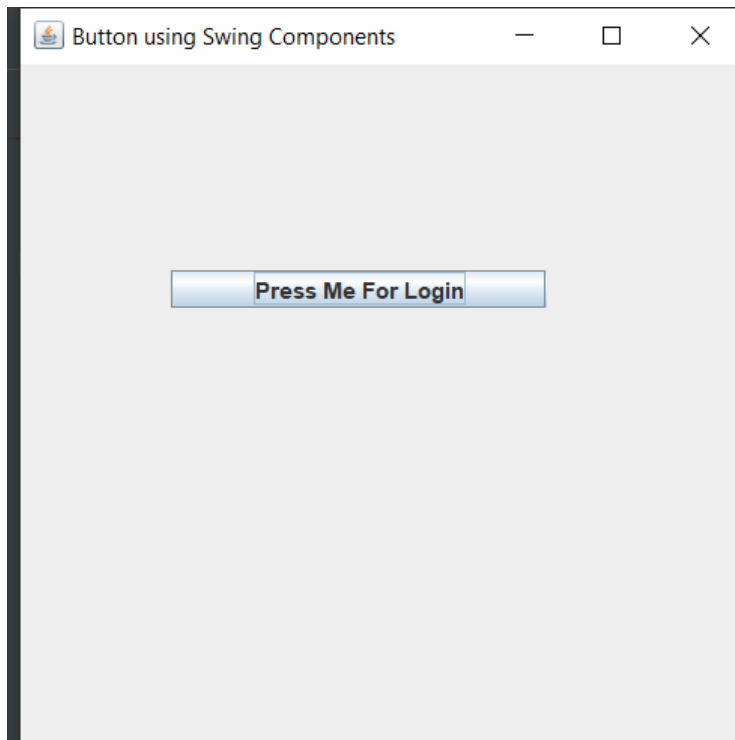
**Program A):- Swing Components- JButton.**

**Input:-**

```
package com.AJPExperiments;
import javax.swing.*;

public class Button {
    public static void main(String[] args) {
        JFrame a = new JFrame("Button using Swing Components");
        JButton b = new JButton("Press Me For Login");
        b.setBounds(80,110,200,20);
        a.add(b);
        a.setSize(400,400);
        a.setLayout(null);
        a.setVisible(true);
    }
}
```

**Ouput:-**



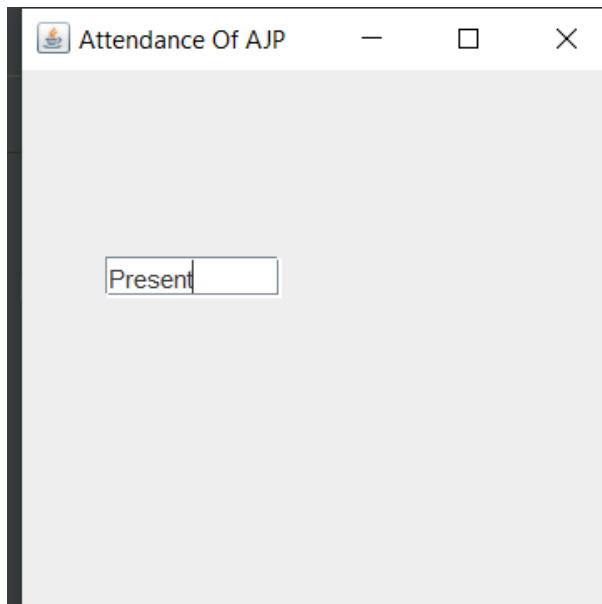
### **Program B):- Swing Components- JTextField.**

#### **Input:-**

```
package com.AJPExperiments;
import javax.swing.*.*;

public class TextField {
    public static void main(String[] args) {
        JFrame a = new JFrame("Attendance Of AJP");
        JTextField t = new JTextField("Present");
        t.setBounds(40,90,85,20);
        a.add(t);
        a.setSize(300,300);
        a.setLayout(null);
        a.setVisible(true);
    }
}
```

#### **Output:-**



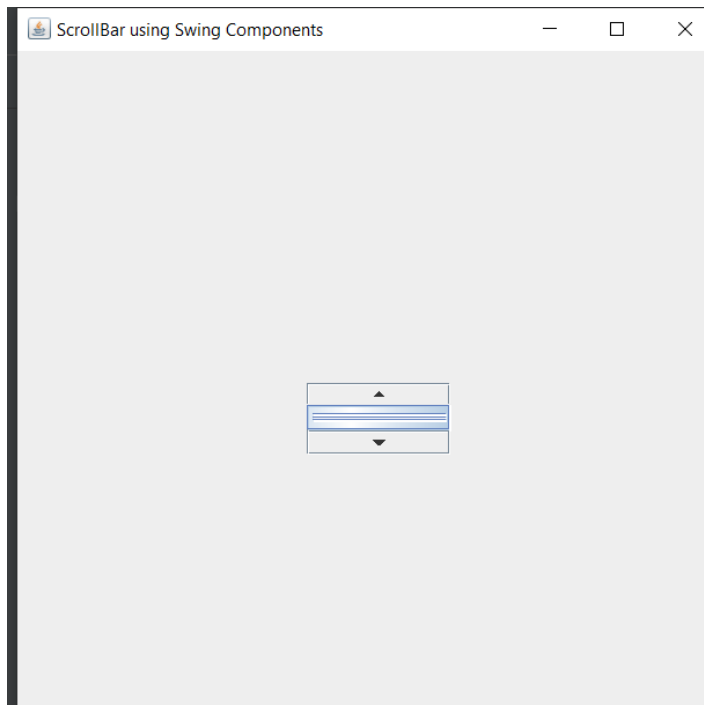
### **Program C):- Swing Components- JScrollBar.**

#### **Input:-**

```
package com.AJPExperiments;
import javax.swing.*.*;

public class ScrollBar {
    public static void main(String[] args) {
        JFrame a = new JFrame("ScrollBar using Swing Components");
        JScrollBar s = new JScrollBar();
        s.setBounds(200,230,100,50);
        a.add(s);
        a.setSize(500,500);
        a.setLayout(null);
        a.setVisible(true);
    }
}
```

#### **Output:-**



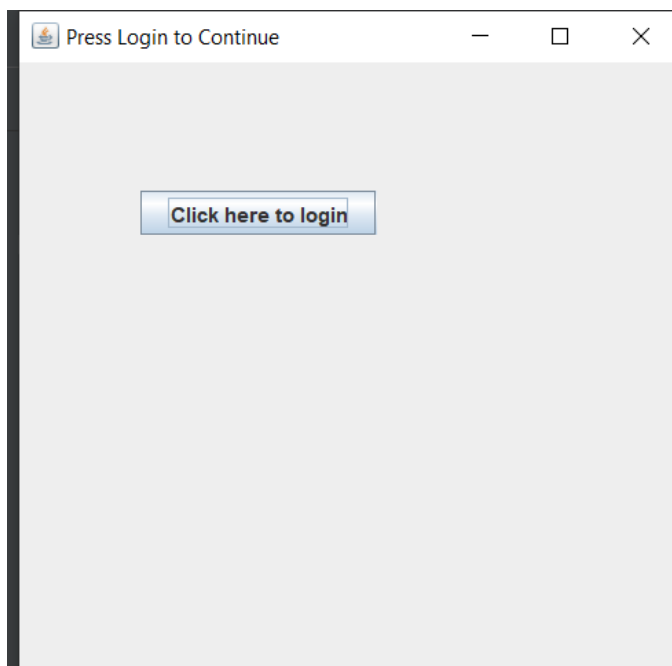
### **Program C):- Swing Components- JPanel.**

#### **Input:-**

```
package com.AJPExperiments;
import javax.swing.JButton;
import javax.swing.JFrame;
import javax.swing.JPanel;

public class Panel {
    public static void main(String[] args) {
        JFrame a = new JFrame("Press Login to Continue");
        JPanel p = new JPanel();
        p.setBounds(40,70,200,200);
        JButton b = new JButton("Click here to login");
        b.setBounds(60,50,80,40);
        p.add(b);
        a.add(p);
        a.setSize(400,400);
        a.setLayout(null);
        a.setVisible(true);
    }
}
```

#### **Output:-**



<b>Writeup &amp; Oral (4)</b>	<b>Practical Performance (4)</b>	<b>Attendance (2)</b>	<b>Total (10)</b>