



K .J.Somaiya Polytechnic, Mumbai-77

Batch No: C2

Enrollment No.: FCOG19126

Experiment No: 8

Experiment Name: Display JButton on JFrame and handle event associated with it.

Experiment No.08

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Objective

O18RA63.1. Create GUI using different swing & AWT components.

Implementation :

```
import java.awt.event.*;
import javax.swing.*;
class Buttons implements ActionListener{
    JLabel l = new JLabel();
    Buttons(){
        JFrame f = new JFrame("Buttons in Frame");
        l.setBounds(50,50,100,20);
        ImageIcon i = new ImageIcon("flower.jpg");
        JButton bb = new JButton(i);
        bb.setBounds(50,50,150,250);
        bb.addActionListener(this);
        bb.setActionCommand("This is a button with image in it");
        f.add(bb);
        f.add(l);
        f.setSize(400,400);
        f.setVisible(true);
        f.setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    }

    public void actionPerformed(ActionEvent e){
        l.setText(e.getActionCommand());
    }
    public static void main(String[] args) {
        Buttons b1 = new Buttons();
    }
}
```

Output:

Command Prompt - java Buttons

```
F:\Java>javac Buttons.java
```

```
F:\Java>java Buttons
```

Buttons in Frame



This is a button with image in it

Conclusion- Thus, we have implemented a program to display JButton on JFrame and handle event associated with it.