# Practical No:20

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**Objective:**  WAP to demonstrate the Java Swing API.

# Code :

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.ImageIcon;

import javax.swing.JButton;

import javax.swing.JFrame;

import javax.swing.JLabel;

/\*\*

\* Swing\_01\_JButtonDemo

\*/

public class Swing\_01\_JButtonDemo extends JFrame {

Swing\_01\_JButtonDemo(){

setVisible(true);

setBounds(new Rectangle(10, 20, 600, 300));

setLayout(new FlowLayout(FlowLayout.LEFT));

setDefaultCloseOperation(JFrame.EXIT\_ON\_CLOSE);

JButton b1= new JButton(new ImageIcon("clickMe.jpg"));

JLabel l1= new JLabel();

add(b1, BorderLayout.CENTER);

add(l1);

ActionListener al= new ActionListener(){

public void actionPerformed(ActionEvent ae){

l1.setText("Welcome to BCA 3rd Semester !!!!");

}

};

b1.addActionListener(al);

}

public static void main(String[] args) {

Swing\_01\_JButtonDemo obj= new Swing\_01\_JButtonDemo();

System.out.println("Ran Successfully !!!!");

}

}

# Output:

Windows PowerShell

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PS E:\03 Semester\Java\Assignments\Assignment\_10\_dec29\_Swing> cd "e:\03 Semester\Java\Assignments\Assignment\_10\_dec29\_Swing\" ; if ($?) { javac Swing\_01\_JButtonDemo.java } ; if ($?) { java Swing\_01\_JButtonDemo }

Ran Successfully !!!!



