

NAME – RAJDEEP JAISWAL

DATE – 19 NOV 2021

BRANCH – BTECH CSE

SEC = 608 - A

UID -20BCS2761

Subject – JAVA

AIM –

Write a program to create a frame with three button. When any of three button is selected, an appropriate message is displayed.

Code in text –

```
package com.company;

import java.awt.*;
import java.awt.event.*;
import javax.swing.*;

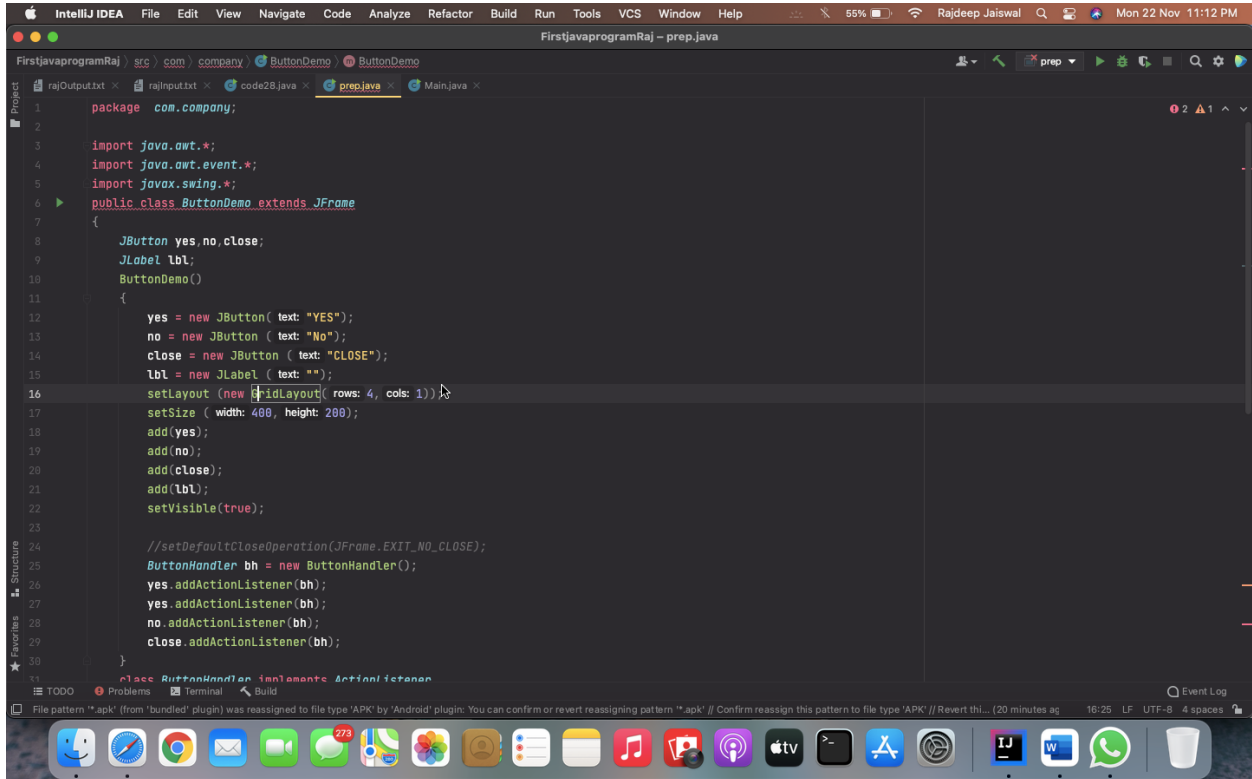
public class ButtonDemo extends JFrame
{
    JButton yes,no,close;
    JLabel lbl;
    ButtonDemo()
    {
        yes = new JButton("YES");
        no = new JButton("No");
        close = new JButton("CLOSE");
        lbl = new JLabel("");
        setLayout(new GridLayout(4,1));
        setSize(400,200);
        add(yes);
        add(no);
        add(close);
        add(lbl);
        setVisible(true);

        //setDefaultCloseOperation(JFrame.EXIT_NO_CLOSE);
        ButtonHandler bh = new ButtonHandler();
        yes.addActionListener(bh);
        no.addActionListener(bh);
        close.addActionListener(bh);
    }
    class ButtonHandler implements ActionListener
    {
```



```
public void actionPerformed(ActionEvent ae)
{
    if (ae.getSource()==yes)
    {
        lbl.setText("Button Yes is pressed");
    }
    if (ae.getSource()==no)
    {
        lbl.setText("Button No is pressed");
    }
    if (ae.getSource()==close)
    {
        System.exit(0);
    }
}
}
public static void main(String args[])
{
    new ButtonDemo();
}
}}
```

Code in compiler -



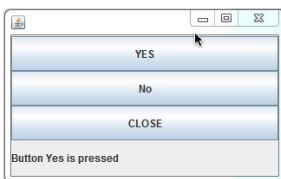
```
IntelliJ IDEA File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help 55% Rajdeep Jaiswal Mon 22 Nov 11:12 PM
FirstjavaprogramRaj - prep.java
Project: FirstjavaprogramRaj
src \ com \ company \ ButtonDemo \ ButtonDemo
rajOutput.txt rajInput.txt code28.java prep.java Main.java
1 package com.company;
2
3 import java.awt.*;
4 import java.awt.event.*;
5 import javax.swing.*;
6 public class ButtonDemo extends JFrame
7 {
8     JButton yes, no, close;
9     JLabel lbl;
10    ButtonDemo()
11    {
12        yes = new JButton( text: "YES");
13        no = new JButton ( text: "No");
14        close = new JButton ( text: "CLOSE");
15        lbl = new JLabel ( text: "");
16        setLayout( new BorderLayout( rows: 4, cols: 1));
17        setSize ( width: 400, height: 200);
18        add(yes);
19        add(no);
20        add(close);
21        add(lbl);
22        setVisible(true);
23    }
24    //setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
25    ButtonHandler bh = new ButtonHandler();
26    yes.addActionListener(bh);
27    yes.addActionListener(bh);
28    no.addActionListener(bh);
29    close.addActionListener(bh);
30 }
31 class ButtonHandler implements ActionListener
32 {
33     public void actionPerformed(ActionEvent e)
34     {
35         if (e.getSource() == yes)
36             JOptionPane.showMessageDialog(null, "Yes clicked");
37         else if (e.getSource() == no)
38             JOptionPane.showMessageDialog(null, "No clicked");
39         else if (e.getSource() == close)
40             JOptionPane.showMessageDialog(null, "Close clicked");
41     }
42 }
File pattern '*.apk' (from 'bundled' plugin) was reassigned to file type 'APK' by 'Android' plugin. You can confirm or revert reassigning pattern '*.apk' // Confirm reassign this pattern to file type 'APK' // Revert thi... (20 minutes ag 16:25 LF UTF-8 4 spaces
```

```
FirstjavaprogramRaj - prep.java
rajOutput.txt x rajInput.txt x code28.java x prepjava x Main.java x
no ActionListener (on);
close.addActionListener(bh);
}
}
class ButtonHandler implements ActionListener
{
    public void actionPerformed(ActionEvent ae)
    {
        if (ae.getSource()==yes)
        {
            lbl.setText("Button Yes is pressed");
        }
        if (ae.getSource()==no)
        {
            lbl.setText("Button No is pressed");
        }
        if (ae.getSource()==close)
        {
            System.exit( status: 0);
        }
    }
}
public static void main(String args[])
{
    new ButtonDemo();
}
}
```

OUTPUT –

Output:

i. Clicked yes button



ii. Clicked no button



iii. When we pressed close button, the frame gets closed

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			