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 –

```java
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);
        yes.addActionListener(bh);
        no.addActionListener(bh);
        close.addActionListener(bh);
    }
    class ButtonHandler implements ActionListener
    {
```
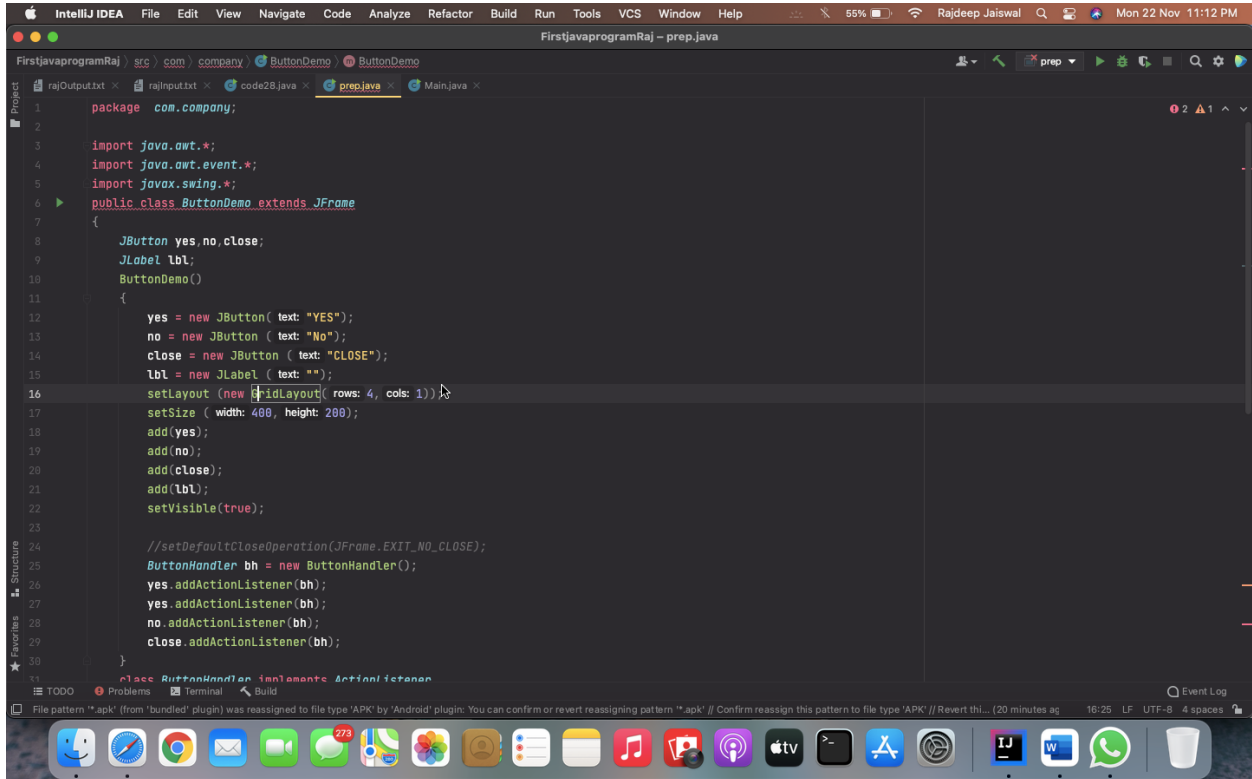
```java
        public void actionPerformed(ActionEvent ae)
        {
            if (ae.getSource()==yes)
            {
                lbl.setText("Button Yes is pressed");
            }
            if (ae.getSource()==no)
            {
                lbl.setText("Button No is pressed");
            }
            if (ae.getSource()==close)
            {
                System.exit(0);
            }
        }
    }
    public static void main(String args[])
    {
        new ButtonDemo();
    }
}}
```
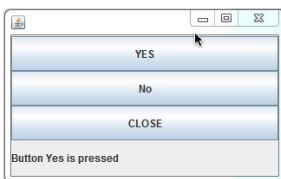
Code in compiler -


```java
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( text: "YES");
        no = new JButton ( text: "No");
        close = new JButton ( text: "CLOSE");
        lbl = new JLabel ( text: "");
        setLayout (new GridLayout( rows: 4, cols: 1));
        setSize ( width: 400, height: 200);
        add(yes);
        add(no);
        add(close);
        add(lbl);
        setVisible(true);

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

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.			