Date:- 15 December 2020 , Name:- Kritik Singh , USN:- 1BM19CS063

<u>OOJ Lab Exercises</u> :-

<u>Week -12 - Lab Program 10</u> :-

<u>Input of the program</u>

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

public class Division extends Frame implements ActionListener
{
        TextField   n1 , n2 , res ;
        Label       l1 , l2 , lres ;
        Button      b ;
        public Division () {
            set Layout ( new Flow Layout ());
            Label  l1 = new Label ("NUM1", Label.RIGHT);
            Label  l2 = new Label ("NUM2", Label.RIGHT);
            Label  lres = new Label ("RESULT", Label.RIGHT);
            n1 =  new Text Field (10);
            n2 = new Text Field (8);
            res  =  new Text Field (10);
            b  = new  Button ("DIVIDE");
            add ( l1 );
            add ( n1 );
            add ( l2 );
            add ( n2 );
            add ( lres );
            add ( res );
            b. add ActionListener (this);
            add Window Listener (new MyWindow Adapter ());
            }
        public void   actionPerformed (Action Event  ae) {
```

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```java
    {
        try {
            int num 1 = Integer. parseInt (n 1 .getText ());
            int num 2 = Integer. parseInt (n 2.getText());
            int num 3 = num 1 / num 2;

    res. setText (String. valueOf (num 3));
        } catch ( NumberFormatException ne) {

            JOptionPane. showMessageDialog (this , ne, "ERROR",
                                    JOptionPane. ERROR_MESSAGE);
            }
        }
    }

public static void main (String args[])
    {
        Division i = new Division ();
        i. setSize ( new Dimension (400, 400));
        i. setTitle (" Integer Division of Two Numbers");
        i. setVisible (true);
    }

class MyWindowAdapter extends WindowAdapter {

    public void windowClosing (WindowEvent we)
        {
            System. exit (0);
        }
    }
}
```