LAB-10

PRIYANSHU GUPTA
1BM19CS124

10) Divide two number and print Result

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

class lab10 extends Frame implements ActionListener{
  TextField Num1, Num2;
  Button divide = new Button("Divide");
    float res = 0;
    String error = "";

  public lab10(){
    setLayout(new FlowLayout());
    Num1 = new TextField(1);
    Num2 = new TextField(1);
    Label Num1L = new Label("Num 1:", Label.RIGHT);
    Label Num2L = new Label("Num 2:", Label.RIGHT);
  add(Num1L);
  add(Num1);
  add(Num2L);
  add(Num2);
  add(divide);
  addWindowListener(new WinAdapter());
  }
  public void actionPerformed(ActionEvent ae){
    if(ae.getSource()==divide){
    }
```

try {

int n1 = Integer.parseInt(Num1.getText());
int n2 = Integer.parseInt(Num2.getText());
if (n2 <= 0)

throw new ArithmeticException("Error");

res = (float) n1/n2;
} catch (NumberFormatException exception)

{

res = 0;
error = "Please enter an Integer !!";
} catch (ArithmeticException exception)

{

res = 0;
error = "Can not divide by zero !!";
}
repaint();

}

public void paint(Graphics g){
g.drawString("Result :" + String.valueOf(res)

20, 100);

g.drawString("Error : " error, 20, 150);

}

```
public static void main (String args [] )
    {
    Jdb10 p = new Jdb10 ();
    p.setSize (new Dimension (400, 250));
    p.setTitle ("Davide");
    p.setVisible (true);
    }
}

class JWinAdapter extends JWindowAdapter {
    public void windowClosing (JWindowEvent we){
    }
}
```