

File Edit Format View Help

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

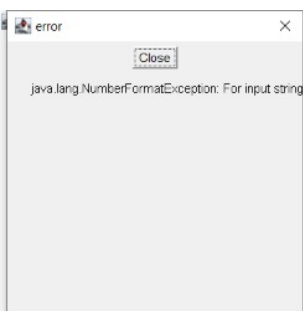
class MyDiaolg extends Dialog {
    Button bl;
    private String msg1;
    MyDiaolg(Frame parent, String title,boolean mode,String msg1){
        super(parent, title, mode);
        setLayout(new FlowLayout());
        setSize(300,300);
        this.msg1 = msg1;

        bl = new Button("Close");
        add(bl);
        bl.addActionListener((ae)-> dispose());
        addWindowListener(new WindowAdapter() {
            public void windowClosing(WindowEvent we) {
                dispose();
            }
        });
    }
    public void paint(Graphics g) {
        g.drawString(msg1, 30, 80);
    }
}

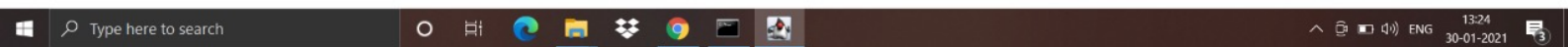
public class lab10 extends Frame implements ActionListener{
    String msg="";
    TextField num1,num2,res;
    Button division;
    public lab10(){
        setLayout(new FlowLayout());
        Label number1 = new Label("NUMBER1:");
        num1 = new TextField(10);
        Label number2 = new Label("NUMBER2:");
        num2 = new TextField(10);
        division = new Button("\\");
        Label result = new Label("RESULT:");
        res = new TextField(10);
        add(number1);
        add(num1);
        add(number2);
```

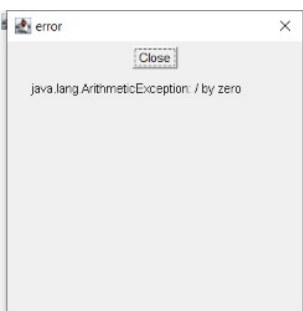
```
res = new TextField(10);
add(number1);
add(num1);
add(number2);
add(num2);
add(division);
add(result);
add(res);
num1.addActionListener(this);
num2.addActionListener(this);
division.addActionListener(this);
res.addActionListener(this);
addWindowListener(new MywindowAdapter());
}
public void actionPerformed(ActionEvent e){
    double c;
    try{
        int no1 = Integer.parseInt(num1.getText());
        int no2 = Integer.parseInt( num2.getText());
        c = no1/no2;
        res.setText(String.valueOf(c));
    } catch(ArithmeticException ex2){
        new MyDiaolg(this,"error",true,""+ex2).setVisible(true);
    }
    catch(NumberFormatException ex1){
        new MyDiaolg(this,"error",true,""+ex1).setVisible(true);
    }
}
public static void main(String args[])
{
    lab10 b=new lab10();
    b.setSize(new Dimension(2000,3000));
    b.setTitle("Lab 10");
    b.setVisible(true);
}
}
class MywindowAdapter extends WindowAdapter{
    public void windowClosing(WindowEvent we){
        System.exit(0);
    }
}
```

NUMBER1: NUMBER2: RESULT:



NUMBER1: NUMBER2: RESULT:





NUMBER1: NUMBER2:



LAB 10:-

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

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

```
public class Lab10 extends Frame implements ActionListener {
```

```
    TextField num1, num2;
```

```
    Label ob;
```

```
    Button n;
```

```
    Lab10() {
```

```
        num1 = new TextField();
```

```
        num1.setBounds(50, 50, 200, 25);
```

```
        num2 = new TextField();
```

```
        num2.setBounds(50, 100, 200, 25);
```

```
        ob = new Label();
```

```
        ob.setBounds(50, 150, 300, 50);
```

```
        n = new Button("Divide");
```

```
        n.setBounds(50, 200, 100, 50);
```

```
        n.addActionListener(this);
```

```
        add(n);
```

```
        add(num1);
```

```
        add(num2);
```

```
        add(ob);
```

```
        setSize(300, 300);
```

```
        setLayout(null);
```

```
        setVisible(true);
```

```
    }
```

```
public void actionPerformed(ActionEvent e) {
```

```
try {
```

```
String n1 = num1.getText();
```

```
String n2 = num2.getText();
```

```
ob.setText("Quotient:" + (Integer.parseInt(n1)/Integer.parseInt(n2)));
```

```
}
```

```
catch (NumberFormatException e) {
```

```
ob.setText("Cannot divide non-integer values");
```

```
}
```

```
catch (ArithmeticException e) {
```

```
ob.setText("Cannot divide");
```

```
}
```

```
catch (Exception ex) {
```

```
System.out.println(ex);
```

```
}
```

```
}
```

```
public static void main (String[] args) {
```

```
new lab10();
```

```
}
```