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


class SampleDialog extends Dialog implements ActionListener {
        DivInt bld;
        SampleDialog(Frame parent, String title) {
                super(parent, title, false);
                bld=(DivInt)parent;
                setLayout(new FlowLayout());
                setSize(500, 200);
                add(new Label(bld.msg));
                Button b;
                add(b = new Button("OK"));
                b.addActionListener(this);
        }
        public void actionPerformed(ActionEvent ae) {
                dispose();
        }
}


public class DivInt extends Frame implements ActionListener {
        TextField num1TextField;
    TextField num2TextField;
    Button calculate;
    int a,b;
    float result;
    String msg="Enter the numbers";
    public DivInt(){

        setLayout(new FlowLayout());

        calculate=new Button("Calculate");
        num1TextField=new TextField(5);
        Label num1Label=new Label("Number 1",Label.RIGHT);
        num2TextField=new TextField(5);
        Label num2Label=new Label("Number 2",Label.RIGHT);

        add(num1Label);
        add(num1TextField);
        add(num2Label);
        add(num2TextField);
        add(calculate);
        num1TextField.addActionListener(this);
        num2TextField.addActionListener(this);
        calculate.addActionListener(this);

        addWindowListener(new MyWindowAdapter());
```

```java
            num1TextField.addActionListener(this);
            num2TextField.addActionListener(this);
            calculate.addActionListener(this);

            addWindowListener(new MyWindowAdapter());
    }

public void actionPerformed(ActionEvent ae) {
        try{
                result=divideNumbers();
                msg=("The result is "+result);
        }catch(NumberFormatException e){
                msg="Number is not Integer."+e;
        }catch(ArithmeticException e){
                msg="Divide By zero not Allowed."+e;
        }
        SampleDialog d = new
        SampleDialog(this, "Dialog");
        d.setVisible(true);
}

    public float divideNumbers(){
        a=Integer.parseInt(num1TextField.getText());
        b=Integer.parseInt(num2TextField.getText());
        if(b==0){
            throw new ArithmeticException();
        }
        return (float)a/b;
    }

    public void paint(Graphics g){
        g.drawString(msg,50,100);
    }

    public static void main(String args[]){
        DivInt aa=new DivInt();
                aa.setSize(new Dimension(500,500));
                aa.setTitle("DivInt");
                aa.setVisible(true);
    }
}


class MyWindowAdapter extends WindowAdapter {
        public void windowClosing(WindowEvent we) {
                System.exit(0);
        }
}
```

```
Microsoft Windows [Version 10.0.19041.685]
(c) 2020 Microsoft Corporation. All rights reserved.

C:\Users\anant\JAVA A>javac DivInt.java

C:\Users\anant\JAVA A>java DivInt
```

DivInt

Number 1 `8`   Number 2 `5`   Calculate

Enter the numbers

Dialog

The result is 1.6   OK

Dialog

Number is not Integer.java.lang.NumberFormatException: For input string: "8.98"   OK

Dialog

Divide By zero not Allowed.java.lang.ArithmeticException   OK

Dialog

Number is not Integer.java.lang.NumberFormatException: For input string: "agheb"   OK