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import java.awt.*;
import java.awt.event.*;
public class Prog1 extends JFrame implements ActionListener {
    TextField Num1, Num2;
    Button divide = new Button("Divide");
    float res = 0;
    String error = "";
    public Prog1() {
        setLayout(new FlowLayout());
        Num1 = new TextField(10);
        Num2 = new TextField(10);
        Label result = new Label("Num1:", Label.RIGHT);
        Label error = new Label("Num2:", Label.RIGHTLEFT);
        add(Num1);
        add(Num2);
        add(divide);
        divide.addActionListener(this);
        addWindowListener(new WindowAdapter());
    }
    public void paint(Graphics g) {
        g.drawString("Result:" + String.valueOf(res), 20, 100);
        g.drawString("Error:" + error, 20, 150);
    }
    public void actionPerformed(ActionEvent ae) {
        if (ae.getSource() == divide) {
            try {
                int n1 = Integer.parseInt(Num1.getText());
                int n2 = Integer.parseInt(Num2.getText());
                res = (float) n1 / n2;
            } catch (NumberFormatException exception) {

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res = 0;
error = "Entered number is not an integer.";
} catch (ArithmeticException exception) {
    res = 0;
    error = "You tried to divide by zero.";
}
repaint();
}
}

public static void main (String[] args) {
    Prog1 p = new Prog1();
    p.setSize(new Dimension (400, 400));
    p.setTitle("Divide");
    p.setVisible(true);
}
}

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