

```
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, 100, 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(800, 800);
```

```
        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 {
```

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

```
}
```

```
catch("ArithmeticException ze") {
```

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

```
}
```

```
} }
```

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

```
new lab10(); }
```

```
}
```