

```
1 import java.awt.*;
2 import java.awt.event.*;
3
4 public class Main extends Frame implements ActionListener {
5     TextField tf1, tf2;
6     Label l;
7     Button b;
8
9     Main() {
10         tf1 = new TextField();
11         tf1.setBounds(50, 50, 200, 25);
12
13         tf2 = new TextField();
14         tf2.setBounds(50, 100, 200, 25);
15
16         l = new Label();
17         l.setBounds(50, 150, 200, 50);
18
19         b = new Button("Divide");
20         b.setBounds(50, 200, 100, 50);
21         b.addActionListener(this);
22
23         add(b);
24         add(tf1);
25         add(tf2);
26         add(l);
27         setSize(800,800);
28
29         setLayout(null);
30         setVisible(true);
31     }
32
33     public void actionPerformed(ActionEvent e) {
34         try {
35             String n1 = tf1.getText();
```

```
19     b = new Button("Divide");
20     b.setBounds(50, 200, 100, 50);
21     b.addActionListener(this);
22
23     add(b);
24     add(tf1);
25     add(tf2);
26     add(l);
27     setSize(800,800);
28
29     setLayout(null);
30     setVisible(true);
31 }
32
33 public void actionPerformed(ActionEvent e) {
34     try {
35         String n1 = tf1.getText();
36         String n2 = tf2.getText();
37         l.setText("Quotient: " + (Integer.parseInt(n1) / Integer.parseInt(n2)));
38     }
39     catch(NumberFormatException ze) {
40         l.setText("Cannot divide non-numerical / non-integer values");
41     }
42     catch(ArithmeticException ze) {
43         l.setText("Cannot divide by zero");
44     }
45     catch(Exception ex) {
46         System.out.println(ex);
47     }
48 }
49
50 public static void main(String[] args) {
51     new Main();
52 }
53 }
```

52

2

Quotient: 26

Divide