

Textfielddemo - Notepad

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

```
public class TextFielddemo extends Frame implements ActionListener {
    TextField tf1, tf2;
    Label l;
    Button b;
```

```
Textfielddemo() {
  tf1 = new TextField();
  tf1.setBounds(50, 50, 200, 50);

  tf2 = new TextField();
  tf2.setBounds(50, 100, 200, 50);
```

```
l = new Label();  
l.setBounds(50, 150, 200, 50);
```

```
b = new Button("Divide");
b.setBounds(50, 200, 100, 50);
b.addActionListener(this);
```

```
add(b);
add(tf1);
add(tf2);
add(l);
setSize(800,800);
```

```
setLayout(null);
setVisible(true);
```

```

    }

    public void actionPerformed(ActionEvent e) {
        try {
            String n1 = tf1.getText();
            String n2 = tf2.getText();

```

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Windows (CRLF)

UTF-8

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```
b = new Button("Divide");
b.setBounds(50, 200, 100, 50);
b.addActionListener(this);

add(b);
add(tf1);
add(tf2);
add(l);
setSize(800,800);

setLayout(null);
setVisible(true);
}

public void actionPerformed(ActionEvent e) {
    try {
        String n1 = tf1.getText();
        String n2 = tf2.getText();
        l.setText("Quotient: " + (Integer.parseInt(n1) / Integer.parseInt(n2)));
    }
    catch(NumberFormatException ze) {
        l.setText("Cannot divide non-numerical / non-integer values");
    }
    catch(ArithmeticException ze) {
        l.setText("Cannot divide by zero");
    }
    catch(Exception ex) {
        System.out.println(ex);
    }
}

public static void main(String[] args) {
    new Textfielddemo();
}
}
```







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Quotient: 5

Divide



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