

SimpleCalc | app | src | test | java | com | example | android | SimpleCalc | CalculatorTest | CalculatorTest.divByZeroThrows | OnePlus ONEPLUS A5010

1: Project

- Android
  - app
    - manifests
    - java
      - com.example.android.SimpleCalc
      - com.example.android.SimpleCalc (test)
    - java (generated)
    - res
      - res (generated)
    - Gradle Scripts

Resource Manager

Build Variants

Z: Structure

Z: Favorites

```
63 public void addTwoNumbersFloats() {
64     double resultAdd = mCalculator.add(1.111f, 1.111d);
65     assertThat(resultAdd, is(closeTo(operand: 2.222, error: 0.01)));
66 }
67 @Test
68 public void subTwoNumbers() {
69     double resultSub = mCalculator.sub(1d, 1d);
70     assertThat(resultSub, is(equalTo(operand: 0d)));
71 }
72 @Test
73 public void subWorksWithNegativeResult() {
74     double resultSub = mCalculator.sub(1d, 17d);
75     assertThat(resultSub, is(equalTo(operand: -16d)));
76 }
77 @Test
78 public void mulTwoNumbers() {
79     double resultMul = mCalculator.mul(32d, 2d);
80     assertThat(resultMul, is(equalTo(operand: 64d)));
81 }
82 @Test
83 public void divTwoNumbers() {
84     double resultDiv = mCalculator.div(32d, 2d);
85     assertThat(resultDiv, is(equalTo(operand: 16d)));
86 }
87 @Test
88 public void divByZeroThrows(){
89     mCalculator.div(32d, 0);
90 }
91
92
93
94 }
```

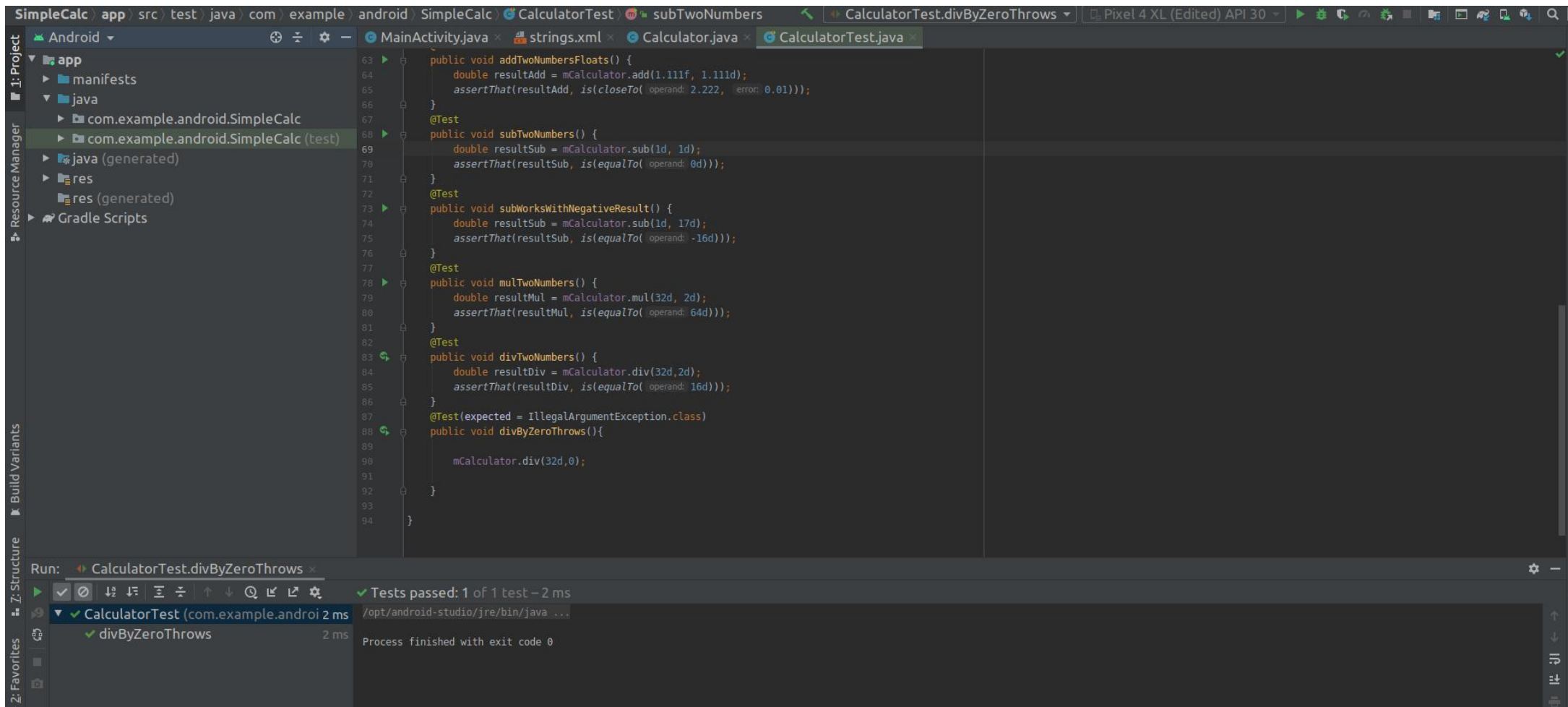
Run: CalculatorTest.divByZeroThrows

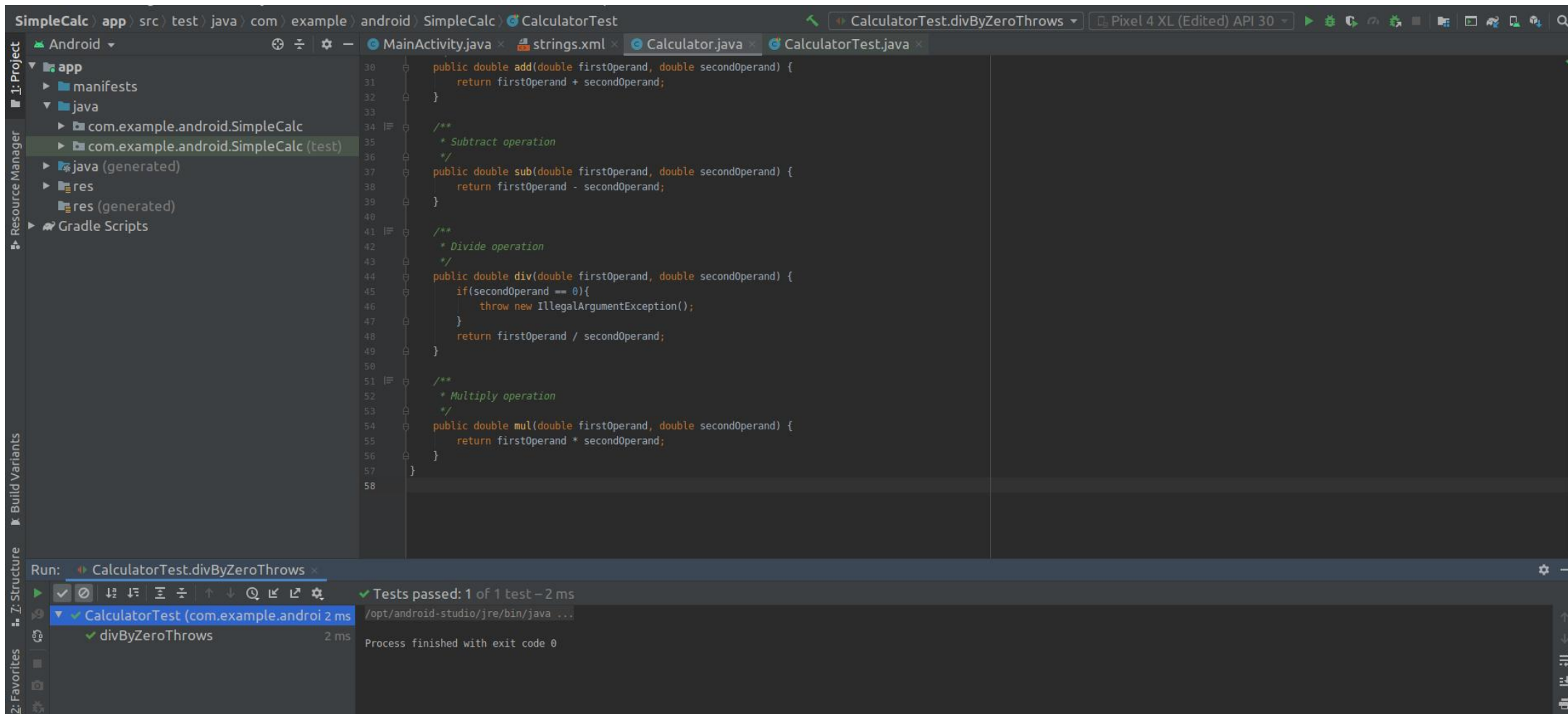
Tests failed: 1 of 1 test – 12 ms

CalculatorTest (com.example.android:12 ms)

divByZeroThrows 12 ms

```
java.lang.IllegalArgumentException
    at com.example.android.SimpleCalc.Calculator.div(Calculator.java:46)
    at com.example.android.SimpleCalc.CalculatorTest.divByZeroThrows(CalculatorTest.java:90) <23 internal calls>
```





Activities Unknown Thu Mar 25 22:39:34

SimpleCalc - MainActivity.java [SimpleCalc.app]

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

SimpleCalc > app > src > main > java > com > example > android > SimpleCalc > MainActivity > compute

Android > MainActivity.java > strings.xml > Calculator.java > CalculatorTest.java

Project: SimpleCalc

- app
  - manifests
  - java
    - com.example.android.SimpleCalc
    - com.example.android.SimpleCalc (test)
  - java (generated)
  - res
    - res (generated)
  - Gradle Scripts

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Run: app

03/25 22:19:25: Launching 'app' on No Devices.  
Install successfully finished in 6 s 866 ms.  
\$ adb shell am start -n "com.example.android.SimpleCalc/com.example.android.SimpleCalc.MainActivity" -a android.intent.action.MAIN -c android.intent.category.LAUNCHER  
Unexpected error while executing: am start -n "com.example.android.SimpleCalc/com.example.android.SimpleCalc.MainActivity" -a android.intent.action.MAIN -c android.intent.category.LAUNCHER  
Error while Launching activity

MainActivity.java

```
70 public void onSub(View view) { compute(Calculator.Operator.SUB); }
71
72
73 /**
74  * onClick method called when the divide Button is pressed.
75  */
76
77 public void onDiv(View view) {
78     try {
79         compute(Calculator.Operator.DIV);
80     } catch (IllegalArgumentException iae) {
81         Log.e(TAG, "IllegalArgumentException", iae);
82         mResultTextView.setText(getString(R.string.computationError));
83
84         Toast toast = Toast.makeText(context, this, R.string.toast, Toast.LENGTH_SHORT);
85         toast.show();
86     }
87 }
88
89 /**
90  * onClick method called when the multiply Button is pressed.
91  */
92
93 public void onMul(View view) { compute(Calculator.Operator.MUL); }
94
95
96 private void compute(Calculator.Operator operator) {
97     double operandOne;
98     double operandTwo;
99     try {
100         operandOne = getOperand(mOperandOneEditText);
101         operandTwo = getOperand(mOperandTwoEditText);
102     } catch (NumberFormatException nfe) {
103         Log.e(TAG, "NumberFormatException", nfe);
104         mResultTextView.setText("Error");
105         return;
106     }
```

Device File Explorer

Emulator

Event Log Layout Inspector

5:187 LF UTF-8 4 spaces

Failed to start monitoring 17e60d2d (15 minutes ago)

This Number Cannot Be Devisable By Zero

10:39

54

0

ADD SUB

DIV MUL

Error

1 2 3 -

4 5 6 =

7 8 9 x

, 0 .

✓