[JUnit 5] Eclipse

- description : [Java] Polymorphism
- author :
- email : shlim@repia.com
- lastupdate : 2022-04-28 Thr

1. Eclipse   Spring Starter Project
2. New Spring Starter Project Dependencies -
3. src/main/java   java
4. src/test/java   java

src/main/java   Calculator.java

```
package com.ocean.inflearnthejavatest;

public class Calculator {
    public int sum(int num1, int num2) {
        return num1 + num2;
    }
}
```

1. Package Explorer   Calculator.java   > New > Other > Java > JUnit > JUnit Test Case   > New > JUnit Test Case
2. New JUnit Test Case   Case under test   > Next   > Test methods   Finish
3. src/test/java   CalculatorTest.java

src/test/java CalculatorTest.java

```
package com.ocean.inflearnthejavatest;

import static org.junit.jupiter.api.Assertions.assertEquals;

import org.junit.jupiter.api.Test;
```
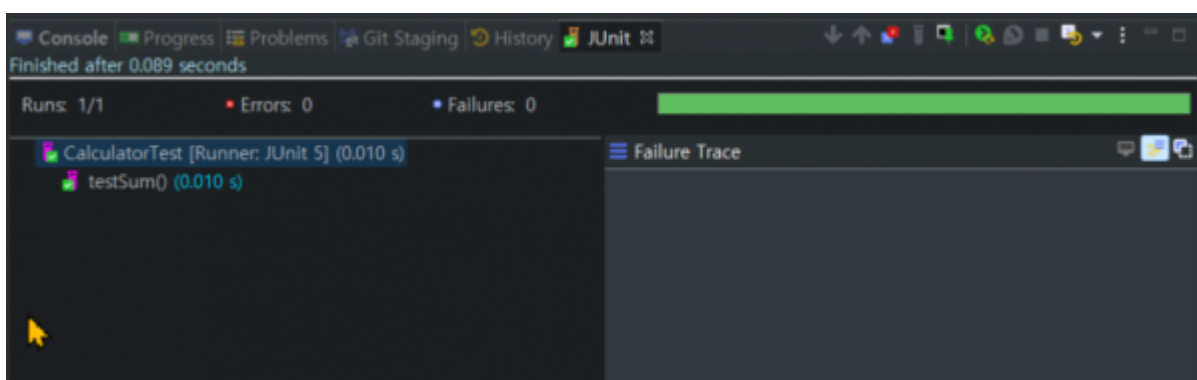
```java
class CalculatorTest {

    @Test
    void testSum() {
        fail("Not yet implemented");
    }
}
```

testSum()

```java
package com.ocean.inflearnthejavatest;

import static org.junit.jupiter.api.Assertions.assertEquals;

import org.junit.jupiter.api.Test;

class CalculatorTest {

    @Test
    void testSum() {
        Calculator calculator = new Calculator();
        assertEquals(30, calculator.sum(10, 20));
    }
}
```
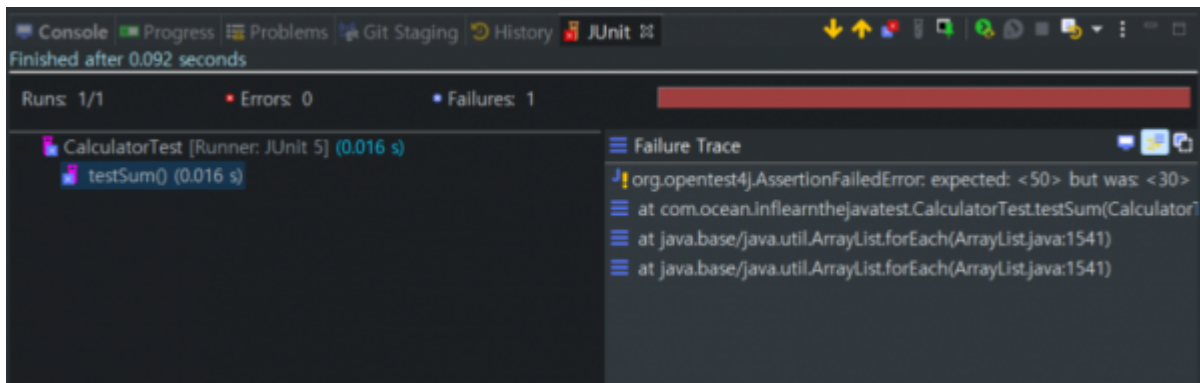
src/test/java CalculatorTest.java -   > Run As > JUnit Test

assertEquals   50   , JUnit Test   ,

```java
assertEquals(50, calculator.sum(10, 20));
```

Ref

[JUnit - Eclipse](#)   [JUnit](#)

,, [Eclipse](#), -, [JUnit](#), [5](#),   ,