

# JUnit

- description : JUnit
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## JUnit

[JUnit A Cook's Tour](#)

1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

## JUnit

JUnit Test Class eclipse



1. Test class > New > JUnit Test Case



2. "class name"/src className+"Test.java" . "class name"/test test

- 가 New JUnit Test Case 가 . OK

Tip: New JUnit Test Case New JUnit 4 test



3. > Run As > Junit Test Run .



#### 4. Run JUnit 가 .

- error가
- error

## Trouble Shooting

JUnit5 (X), JUnit4 (O)

#### JUnit5 가 JUnit4 .

- Java eclipse IntelliJ IDE
- 5 가 .

## Annotation

@Test	Method Test .
@BeforeClass	가 .
@AfterClass	가 .
@Before	가 .
@After	가 .
@Ignore	TestCase .

## Assert

Assert	
assertTrue	가
assertFalse	가
assertEquals	가
assertThat * assertThat(2.32*3, equalTo(6.96)) → assertTrue(Math.abs <sup>1</sup> is(not(NotNullValue())) is(notNullValue()) closeTo(, ) import static org.hamcrest.number.IsCloseTo.*	

# Tip

## Related knowledge

### xUnit

xUnit

JUnit xUnit

xUnit		
CUnit	C	<a href="http://cunit.sourceforge.net/">http://cunit.sourceforge.net/</a>
CppUnit	C++	<a href="https://sourceforge.net/projects/cppunit/">https://sourceforge.net/projects/cppunit/</a>
PHPUnit	PHp	<a href="https://phpunit.de/">https://phpunit.de/</a>
PyUnit	Python	<a href="http://pyunit.sourceforge.net/">http://pyunit.sourceforge.net/</a>
JUnit	Java	<a href="http://junit.org/">http://junit.org/</a>

## Terms

FIRST( , , 가 , 가 , )

- Fast
- Isolated
- Repeatable
- Self-validating
- Timely

A.A.A( , , )

- Arrange
- Act
- Assert

## Ref

JUnit ( )

, JUnit, junit

1) 2.32\*3) - 6.96) < 0.0005)

\* 가 가  
assertThat(' ', , matcher)

```
*  
* assertThat(      |      , matcher)      ,  
matcher  
equalTo()  
is(true)  
startsWith('xyz')  
not(equalTo()
```

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