

# JUnit

- description : JUnit
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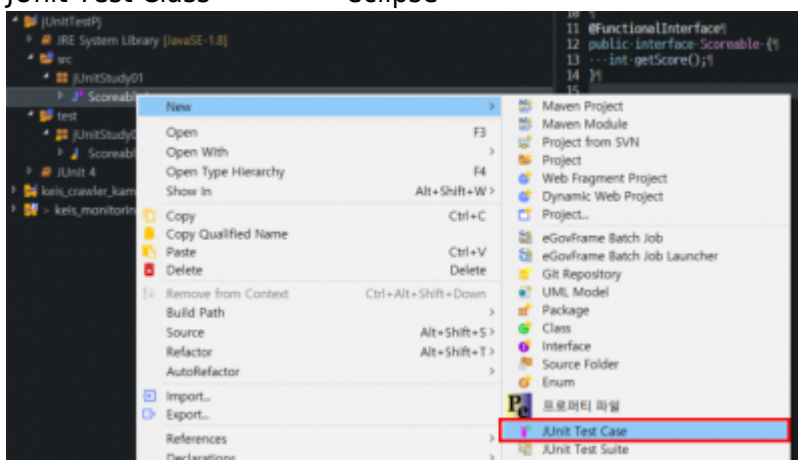
## JUnit

### JUnit A Cook's Tour

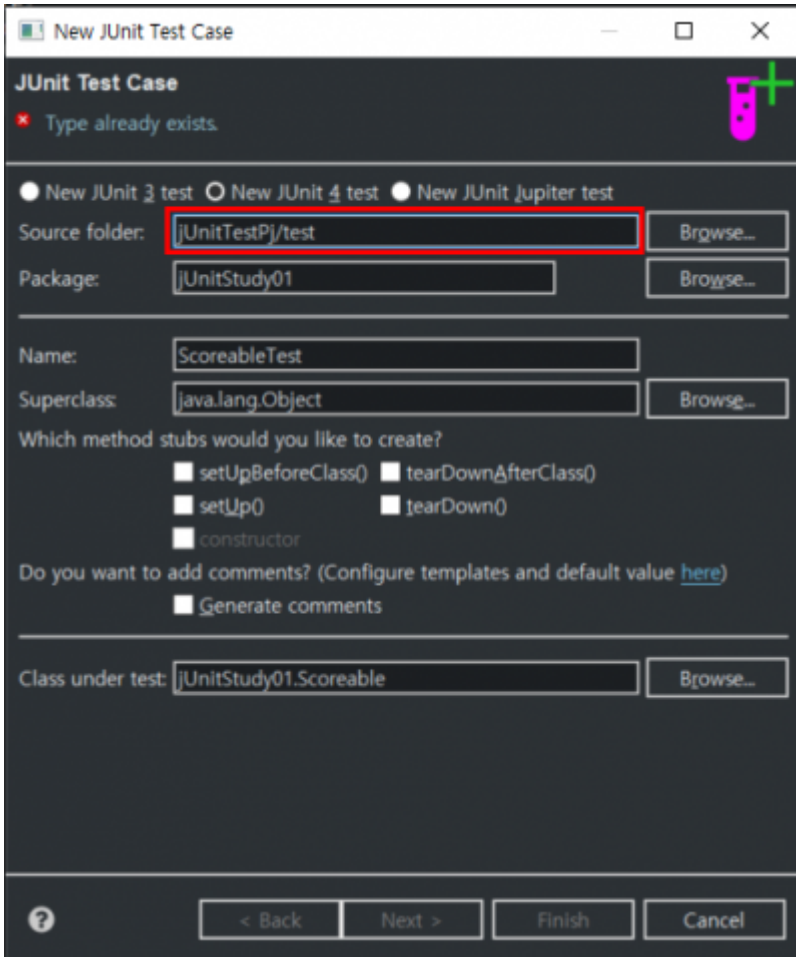
1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

## JUnit

### JUnit Test Class eclipse



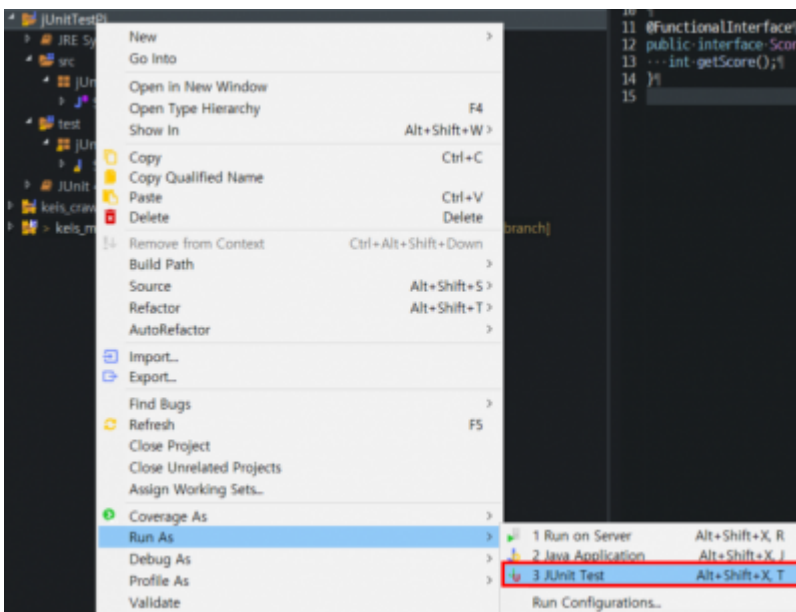
1. Test class > New > JUnit Test Case



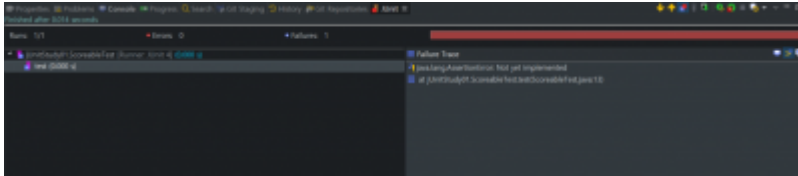
2. "class name"/src . "class name"/test test  
 className+"Test.java"

- 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((2.32*3) - 6.96) < 0.0005)	
* 가 가	
assertThat(' ', , matcher)	
*	

# Tip

## Related knowledge

### xUnit

xUnit

JUnit xUnit

<b>xUnit</b>		
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

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