

# JUnit

- description : JUnit
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## JUnit

### JUnit A Cook's Tour

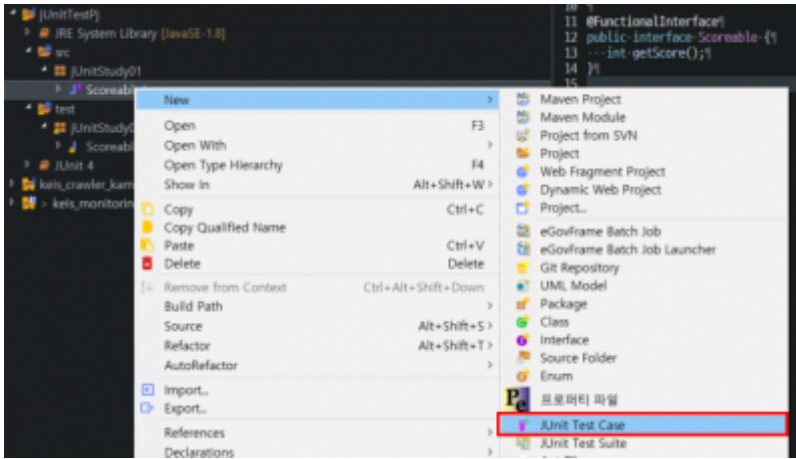
( 3 )

1. @Test가 public void 가
2. .
3. @Before가 가 .
4. @Test가 .
5. @After가 가 .
6. 2~5 .
7. .

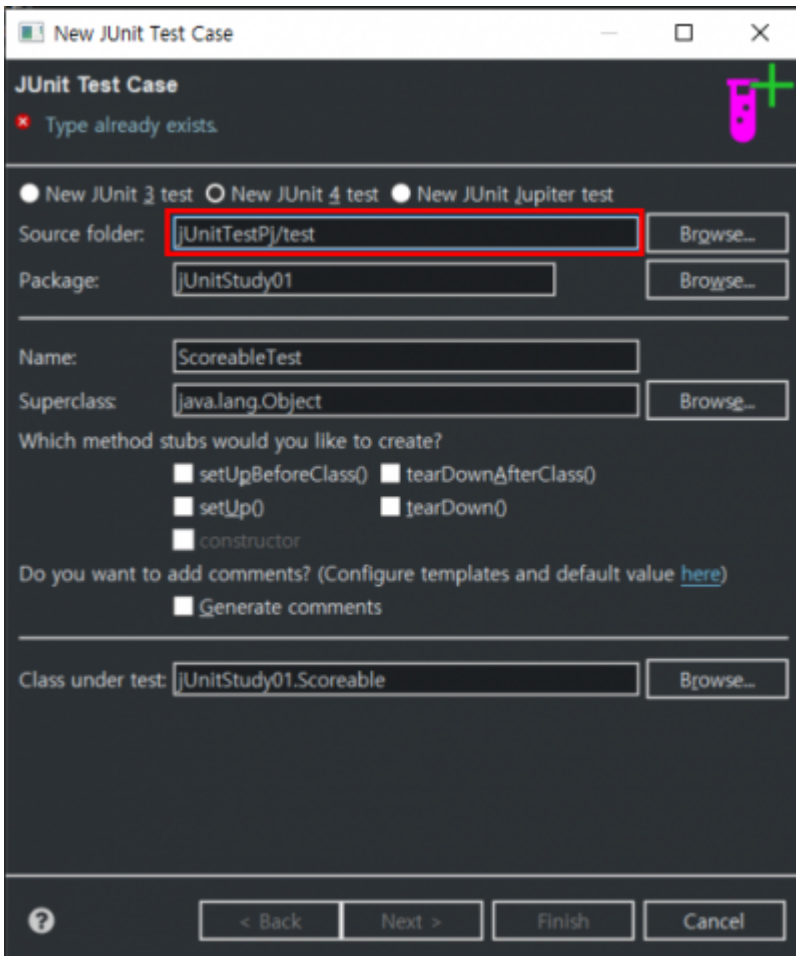
1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

## JUnit

JUnit Test Class eclipse



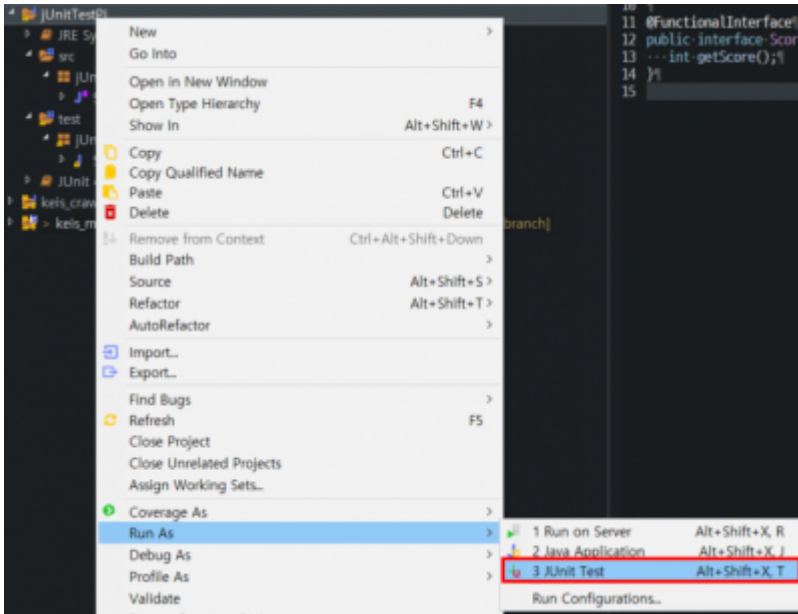
1. Test class > New > JUnit Test Case



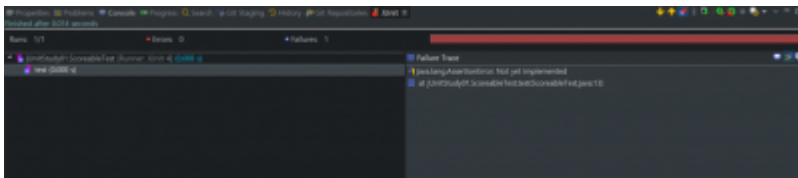
2. "class name"/src . "class name"/test test  
className+"Test.java"

- 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	<pre>* assertThat( , matcher) matcher equalTo() is(true) startsWith('xyz') not(equalTo()) is(not(nullValue())) is(notNullValue()) closeTo(, ) import static org.hamcrest.number.IsCloseTo.*</pre>
<pre>import static org.junit.Assert.* import static org.hamcrest.CoreMatchers.*  , failure</pre>	

## 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

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