

# JUnit

- description : JUnit
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- lastupdate : 2020-09-03

## JUnit

JUnit A Cook's Tour

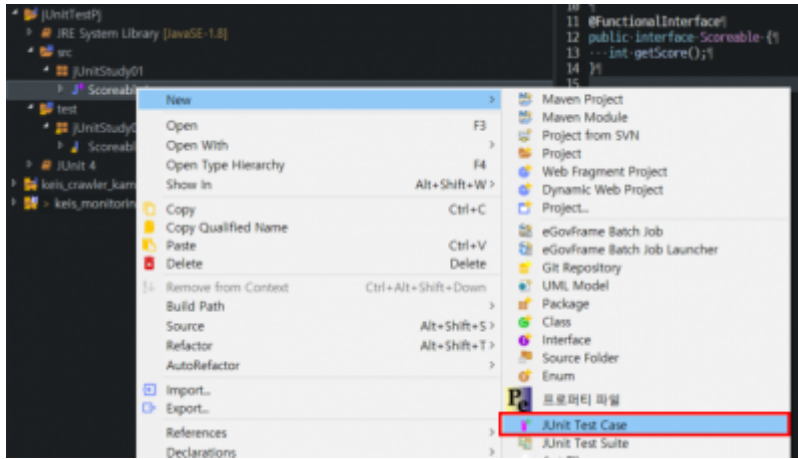
( 3 )

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

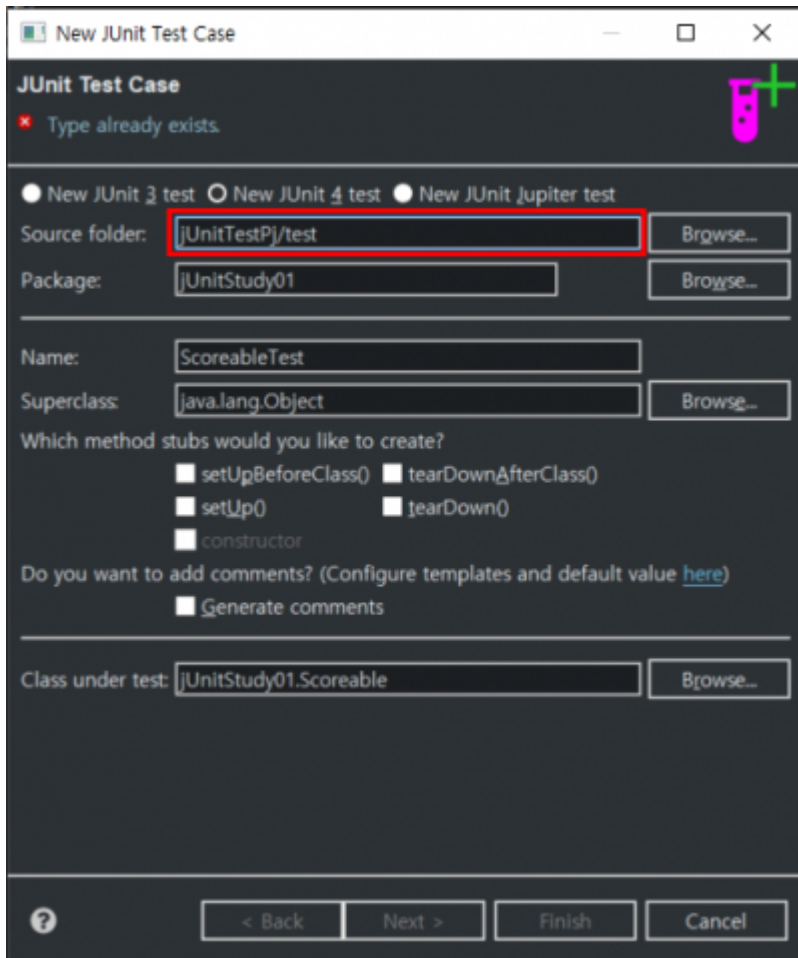
1. JAVA > src "JUnitStudy" > Scoreable.java class
2. src test

## JUnit

JUnit Test Class eclipse



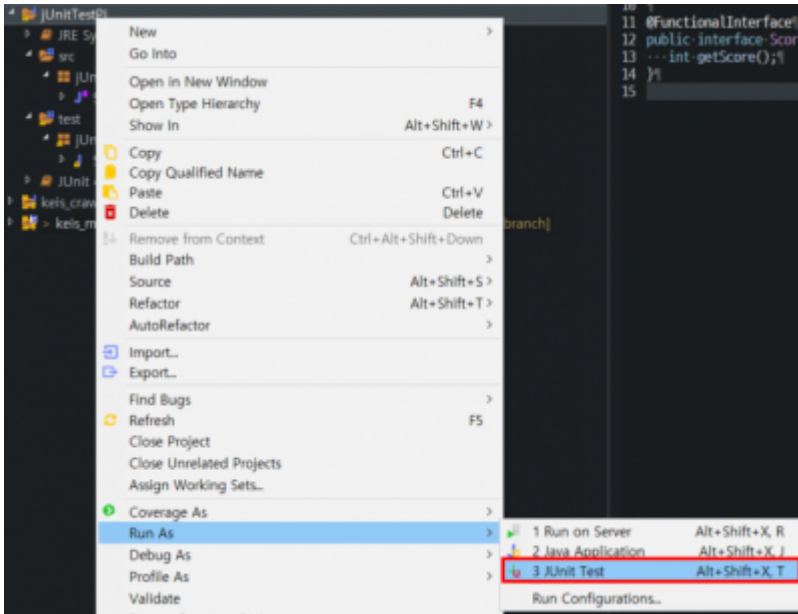
1. Test class > New > JUnit Test Case



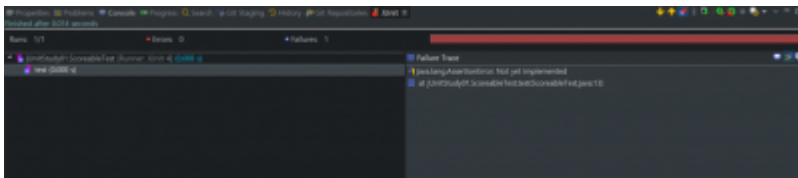
2. "class name"/src . "class name"/test test  
className+"Test.java"

- 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 * assertThat(2.32*3, equalTo(6.96)) → assertTrue(Math.abs ( ( 2.32 * 3 ) - 6.96) < 0.0005) * 가 가 assertThat(' ', , matcher) *	* assertThat( , matcher) matcher equalTo() is(true) startsWith('xyz') not(equalTo()) is(not(nullValue())) is(notNullValue()) closeTo(, ) import static org.hamcrest.number.IsCloseTo.*
import static org.junit.Assert.* import static org.hamcrest.CoreMatchers.*  , failure	

## 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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Last update: **2022/03/10 19:52**

