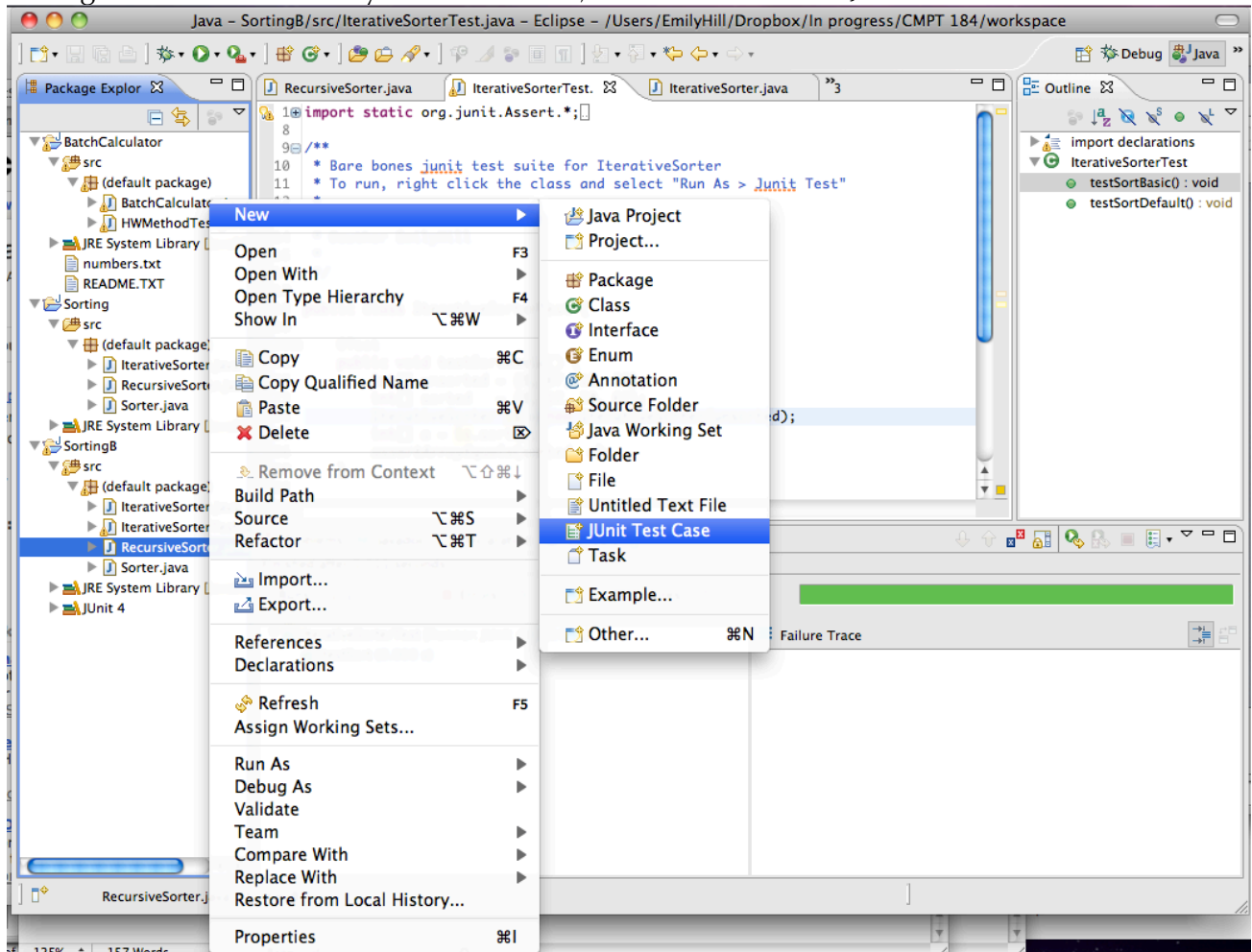


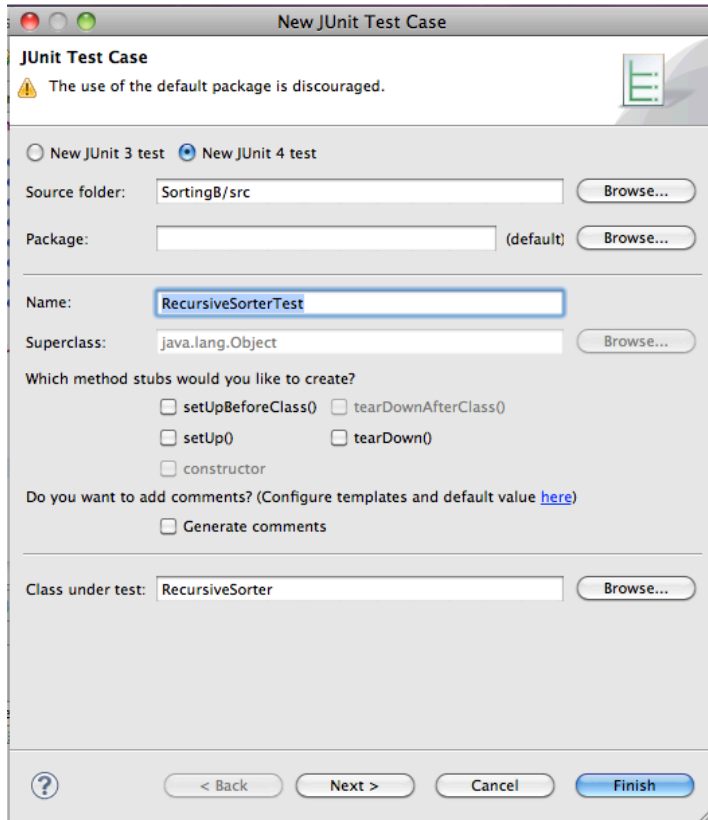
## TUTORIAL: CREATING TEST CASES USING ECLIPSE & JUNIT

This tutorial assumes you know how to create a project in Eclipse, and have at least 1 class in a project that you would like to test. To create a new JUnit test case for a class, complete the following steps:

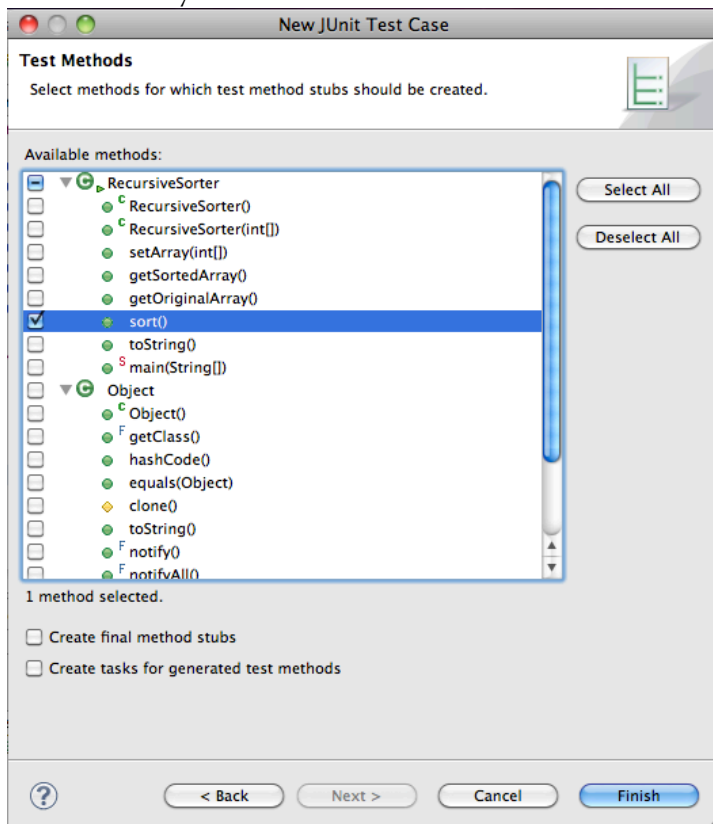
1. Right click on the class you'd like to test, and select "New > JUnit Test Case"



## 2. Select "Next"

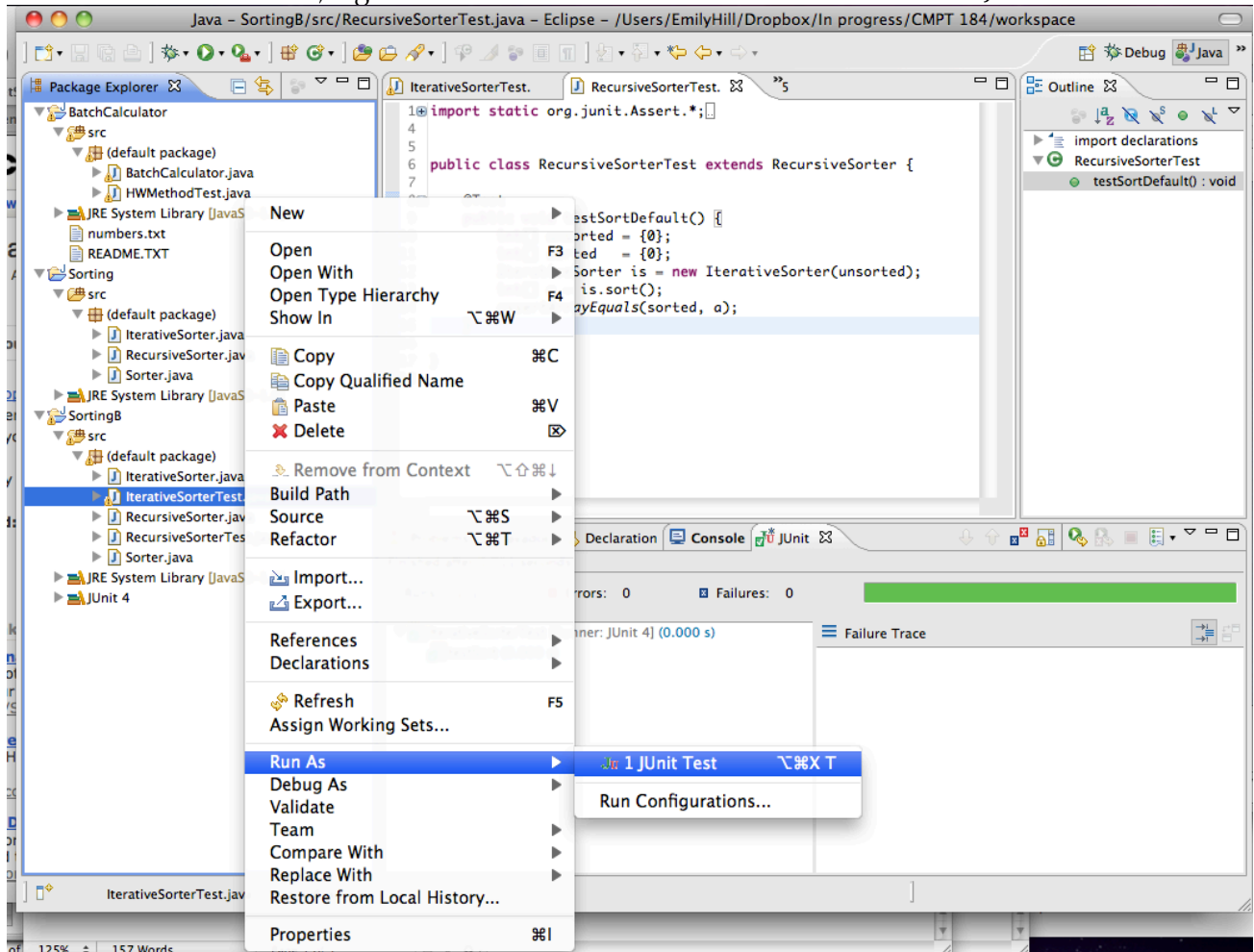


## 3. Select the methods you'd like to create test cases for. Eclipse will create test method stubs automatically



4. Next you need to fill in the test case. Create a variables that store the expected output and the actual output of the method/unit you are testing. Depending on the type of variable, you will need to use a different form of assert (see <http://www.junit.org/apidocs/org/junit/Assert.html>).

5. To run the test cases, right click on the Test Class and select “Run As > JUnit Test”



6. After running the test, you should see output like this:

