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Unit Testing is often underrated. As far as I am concerned, having good unit tests separates good projects from bad. In this article, let's look at unit testing best practices in depth. We use examples from Java and JUnit to illustrate the concepts. However, the best practices are applicable irrespective of the programming language used.

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How to Write a Unit Test in Java. A unit test in Java gives the developer the opportunity to test an object. For example, you might want to verify that a Person object contains the expected person name or perhaps the correct email address.

Java Unit testing is an indispensable means of ensuring high quality Java/J2EE application. Java Unit testing generally refers to concentrated and focused testing of each smallest logical unit of your Java/J2EE application. This unit may be a module, a package, a file, or a class.

So, in order for us to start, we will need to create a class inside our src/test/java/ directory, and name it MathTests. The use of the suffix "Tests" at the end of a testing class name is a common naming convention that will allow other developers and yourself to

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The Java programmer can create test cases and test his/her own code. It is one of the unit testing frameworks. Current version is JUnit 4. To perform unit testing, we need to create test cases. The unit test case is a code which ensures that the program logic works as expected. The org.junit package contains many interfaces and classes for JUnit testing such as Assert, Test, Before, After etc. Types of unit testing

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