Testing

Development

BDD Behaviour Driven Development

TDD Test Driven Development

Unit Testing

Junit

Class/Function

Test Cases for every function ()

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Test Suite: Collection of test cases

Framework

Junit

1. Junit 4
2. Junit 5

Every class should have function and every function should be test.

Unit testing is a [software](https://www.techtarget.com/searchapparchitecture/definition/software) development process in which the smallest testable parts of an [application](https://www.techtarget.com/searchsoftwarequality/definition/application), called units, are individually and independently scrutinized for proper operation. This testing methodology is done during the development process by the software developers and sometimes QA staff.  The main objective of unit testing is to isolate written code to test and determine if it works as intended.

Demo

Step-1:

Create the maven project

Step-2:

Add the dependencies

1. JDK
2. Junit
3. hamcrest