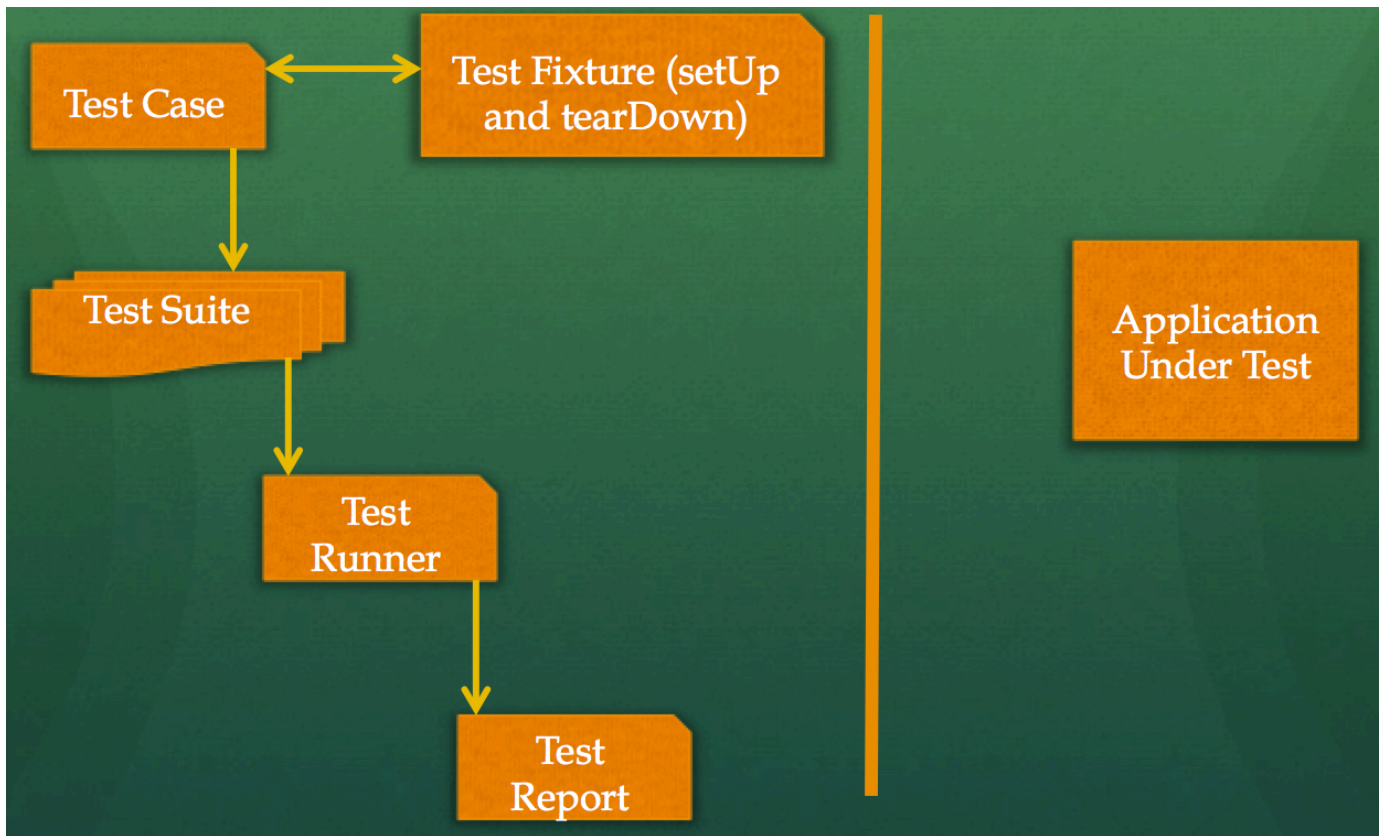# UnitTest Introduction

Test Fixture: By using a test fixture, we can define the preparation needed to perform one or more tests and any cleanup actions. In simple language this is like @Before and @After methods of JUnit and TestNG, but we call them as setup() and teardown().

Test Case: A test case is the smallest unit of testing in unittest. It checks for a response to a particular set of actions using various assert methods provided by the unittest library. JUnit / TestNG -> @Test

Test Suite: A test suite is a collection of multiple tests or test cases to create groups of tests, which represent that, all these tests can be run together in a single execution.

Test Runner: The test runner is responsible for execution of tests and provides results to the user.

Test Report: A test report displays a summary of test results showing the pass or fail status of executed test cases.