### What is TestNG?

TestNG is an automation testing framework in which NG stands for "Next Generation". TestNG is inspired from[JUnit](https://www.guru99.com/junit-tutorial.html)which uses the annotations (@).

**Why Use TestNG with Selenium?**

Default Selenium tests do not generate a proper format for the test results. Using TestNG we can generate test results.

Following are key features of **TestNG**

* Generate the report in a proper format including a number of test cases runs, the number of test cases passed, the number of test cases failed, and the number of test cases skipped.
* Multiple test cases can be grouped more easily by converting them into testng.xml file. In which you can make priorities which test case should be executed first.
* The same test case can be executed multiple times without loops just by using keyword called 'invocation count.'
* Using testng, you can execute multiple test cases on multiple browsers, i.e., **cross browser testing.**
* The testing framework can be easily integrated with tools like **Maven, Jenkins, etc.**

**WebDriver** is a web automation framework that uses Junit.

**WebDriver** does not have a native mechanism for generating reports. Test Reports can be generated using **TestNG**