1. **Compare TestNG and JUnit**

|  |  |
| --- | --- |
| **TestNG** | **JUnit** |
| Open source framework for both **unit and end-to-end** testing | Open source **unit** testing framework for Java |
| Allows parallel testing | Does not support parallel testing |
| Test cases can be grouped together | Cannot group tests |
| In-built HTML reports (can also use Maven to generate reports) | No in-built HTML reporting (use Maven to generate reports) |
| Special annotation for data driven testing | More difficult to execute data driven testing |
| Supports dependency testing | Doesn’t support dependency testing |

1. **What is TestNG?**

**TestNG**is an automation testing frameworkfor all types of testing such as unit, functional, end-to-end and integration. It is written in Java programming language and needs a JDK 5 or higher to work. The “**NG**” stands for **“Next Generation**” because it is a framework developed on the lines of Junit and Nunit but with more features.

With TestNG, you can generate HTML reports easily and come to know how many test cases passed, failed or skipped. TestNG has more annotations than JUnit and they are much easier to understand and use.

Other testing tools like TestNG are JUnit, Nunit, HtmlUnit.