Unit Testing Tools and scripting unit test cases:

* Nunit:

<https://en.wikipedia.org/wiki/NUnit>

<https://www.codeproject.com/Articles/178635/Unit-Testing-Using-NUnit>

<https://docs.microsoft.com/en-us/visualstudio/test/live-unit-testing-start?tabs=csharp>

<https://www.infragistics.com/community/blogs/b/dhananjay_kumar/posts/getting-started-with-net-unit-testing-using-nunit>

<https://github.com/nunit/docs/wiki/TestFixture-Attribute>

* **MS Test or Visual Studio Testing Tools:**

**This name space used to execute the test cases.**

**using Microsoft.VisualStudio.TestTools.UnitTesting;**

**Steps to Develop and Configure and execute a Test Cases Class**

Add Test Class library to the project solution.

Provide Reference to the main developed solution.

And Add [TestMethod] to your [TestClass] in the code. Here [TestMethod] refer each test case.

And run these test cases using TEST🡪Run🡪All Test Cases option.

**Assert:** Is a class contains methods for ensuring the right output.

It contains few methods like, “Isnull, IsNotNull, AreEqual, AreNotEqual, Equal, IsFalse, IsTrue.

* **NUnit Test**
* Nmock