A **Unit Test** is a part of software development that is done by the development team at the time of development. Basically it is used to test the smallest unit of code, like methods, properties, classes and assemblies also. Where the smallest unit of code is known as a unit.

**Purpose:**The main purpose of unit testing is to take the small unit of code from the project, separate it from the code and check whether or not it behaves exactly the same as we expect. So we first do the unit test with each unit of test before integrating them into the project's modules.