What is an Essert?

An **assert** is a statement or function used in programming to check if a condition is true during runtime. If the condition is **true**, the program continues as normal. If the condition is **false**, an error or exception is thrown, often causing the program to stop or report a failure.

The assert() function is used for testing and verifying assumptions in your code. It is part of the build-in assert module, which provides a set of assetion function to perform various checks and validations.

Note: In assert() function, if the value is not truch, then a AssertionError is thrown with a message property set equal to the value of the message parameter.

List of all function provided by asserts:

1. assert(value, message).
2. assert.ok(value, message).
3. assert.equal(actual, expected, message).
4. assert.notEqual(actual, expected, message).
5. assert.strictEqual(actual, expected, message).
6. assert.notStrictEqual(actual, expected, message).
7. assert.deepEqual(actual, expected, message).
8. assert.notDeepEqual(actual, expected, message).
9. assert.deepStrictEqual(actual, expected, message).
10. assert.notDeepStrictEqual(actual, expected, message).
11. assert.throws(block, error, message).
12. assert.doesNotThrow(block, error, message).
13. assert.ifError(value).
14. assert.fail(actual, expected, message, operator).