

# What are Assumptions in JUnit 5 ?

This lesson describes Assumptions in JUnit 5 and its usage.

## We'll cover the following



- Assumptions in JUnit 5

## Assumptions in JUnit 5 #

Assumptions in JUnit 5 is a collection of utility methods that support conditional test execution based on assumptions. In comparison to failed assertions, failed assumptions do not result in a test failure; rather, a failed assumption results in a test being aborted.

Assumptions are typically used whenever it does not make sense to continue execution of a given test method — for example, if the test depends on something that does not exist in the current runtime environment.

If the assumptions are not satisfied then, `TestAbortedException` is thrown.

There are 3 types of Assumptions in JUnit 5:

- `assumeTrue`
- `assumeFalse`
- `assumingThat`

In the upcoming lesson, let's look into each `Assumptions` in detail.