Parameterized Tests Setup

This lesson demonstrates how to setup and run Parameterized Tests in JUnit 5.

WE'LL COVER THE FOLLOWING

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- Introduction to Parameterized Tests
- Setup

Introduction to Parameterized Tests

Parameterized tests allow us to run a test multiple times with different arguments. Parameterized tests are normal test methods but instead of annotating them with <code>@Test</code>, we use <code>@ParameterizedTest</code> annotation.

In order to pass different arguments to <code>@ParameterizedTest</code> annotated method, we need to provide a <code>source</code>.

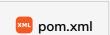
A source is simply a collection of different arguments.

JUnit 5 has many types or ways through which we pass different arguments to test methods.

Setup

Maven - In order to use parameterized tests, you need to add a dependency for junit-jupiter-params to maven project. Just add below dependency to pom.xml which we created in our earlier lesson (Junit 5 Integration with Maven) -

https://www.educative.io/collection/page/4753235730497536/569341723751219 2/5071437253574656.



junit-jupiter-params maven dependency

In our upcoming lesson, we will learn how to use multiple sources to pass different arguments to @ParameterizedTest methods.