Lab 1. First Unit Test

# Challenge

1. **What is the output of each method in the console?**

Setup: @BeforeAll - executes once before all test methods in this class

Init: @BeforeEach - executes before each test method in this class

simpleTest: simple test

otherSimpleTest: other simple test

teardown: @AfterEach - executed after each test metod

done: @AfterAll - executed after all test methods.

notImplementedTest: \*Nothing, it’s not implanted\*

1. **What is the difference between the setup and init methods?**

Setup runs before all tests, init runs before each test.

1. **Give an example of when you can use init and tearDown methods**

To set up conditions for tests and make sure everything is in place for the next one. If testing a calculator program that has to be reinstantiated each test init can instantiate de object and teardown destroy it.

1. **What is @Disabled used for?**

It makes the test not run at all

1. **What is the difference and pros/cons of using Maven Test and Junit Test options?**

Junit is more exhaustive in its testing and will run ALL test cases. This is good for unit testing, but sometimes unnecessary and Maven will only run classes ending with Test.