

Module 3 exercise (Task 1)

JUnit 5 Parameterized Testing

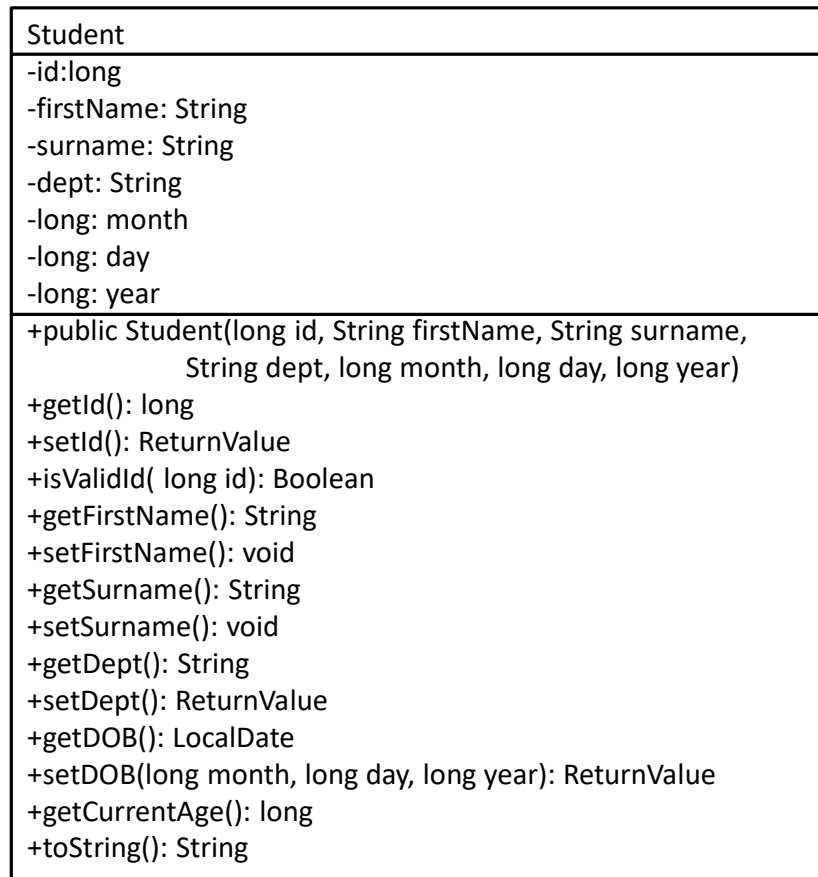
In this exercise, you complete these tasks:

- Create a parameterized test using JUnit 5 annotations



Lab 3.1 – Parameterized Testing

There is start up code for this lab in the Lab03.1 set up directory with the following class diagram:



Lab 3.1 – Parameterized Testing

The Student class contains the following constraints:

- The setId() method returns
 - ReturnValue.INVALID if the id < 0 or id >= 10000
 - Otherwise ReturnValue.VALID
- The setDOB() method returns
 - ReturnValue.INVALID if the current age < 18
 - Otherwise ReturnValue.VALID
- The setDept() method returns
 - ReturnValue.INVALID not "engineering" or "computer science"
 - Otherwise ReturnValue.VALID

Use parameterized testing to test the Student class.

- Test each of the testable methods
- Include in your testing the @ParameterizedTest and @CsvSource annotations

