

# DAT first semester exam

Due Monday, 5 March 2018, 5:00 PM

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*In this assignment you decide which programming language you use, as long as it is objectoriented. However one subtask is to use Junit 5, so you must this small part must be Java.*

*The assignment is solved in pairs and the solution will be presented (to me) on Monday 5/3-2018 Where we also will upload to Moodle.*

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Write an interface with 10 simple methods. For instance a method which accepts a list of elements and sorts the list. Or maybe it returns a subset.

The difficulty level can be inferred from the example: <https://github.com/Cphbusiness-dat1sem-org/SoundEar---Eksamen.git>

If your methods uses your own datatypes or other resources, you will have to provide these.

Write unit tests, which tests all methods. Remember to test edge values and equivalent classes.

Solve the assignment you have written – That is write an implementation of your interface which passes all your tests.

When you have written 10 methods, translate 2 of these to Java and test them using JUnit 5.