**DAT first semester exam 2**

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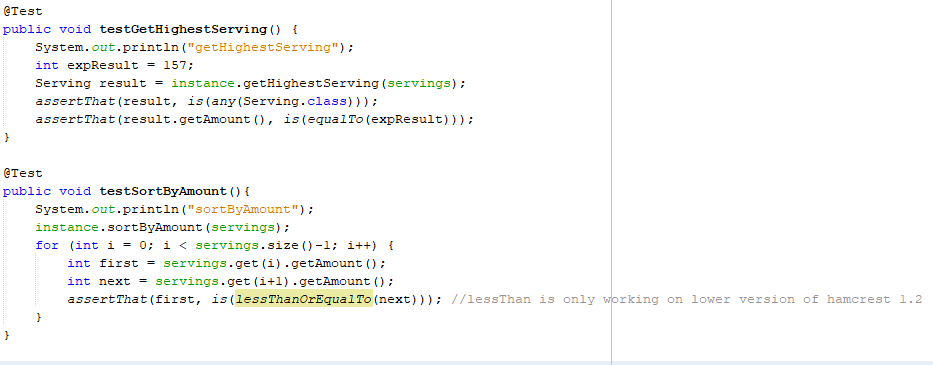
*Continuing your work from last week, this week you will first of all improve your code (if it needs improving) so that it is easily testable - Expect heavy use of dependency injection. Last week you wrote 2 methods (at least) in java.*

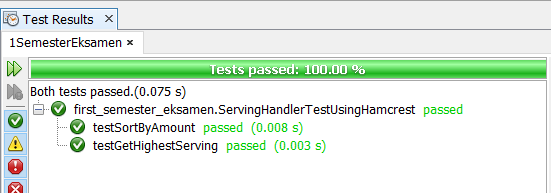
* This week you have to write 2 methods using Hamcrest or similar ("Fluent assertions for .NET). If you have used another language and can't find a library that is similar, you can always use Hamcrest on the 2 methods you wrote in java.
* Also you have to write 2 test methods that are "data driven" - No hard coded data! Your data-set doesn't have to be large, but it has to be representative of a proper set.

**SOLUTION:**

***Testing 2 methods using Hamcrest:***

*Hamcrest is very useful in creating matcher objects which is often used in automated testing. It is designed to make the tests readable by using static methods that creates an assertion grammar. In our solution, you find it easy to understand by simply reading it, like “Assert that result is any Serving class”, “Assert that result’s amount is equal to the expected result”, “Assert that first is less than or equal to next”. There are some more matchers that can be used such as anything(), arrayContaining(),startsWith(), endsWith(), arrayContainingInAnyOrder(), and so on.*





***Data Driven Test for 2 methods:***