

Project evaluation «Day 06. JUnit and Mockito»

About

Introduction

The methodology of School 21 makes sense only if peer-to-peer assessments are done seriously. This document will help you to do it properly.

- Please stay courteous, polite, respectful, and constructive in all communications during this assessment. The bond of trust between community 21 and you depends on it.
- Highlight possible malfunctions of the work done by the person and take the time to discuss and debate it.
- Keep in mind that sometimes there can be differences in interpretation of the tasks and the scope of features. Please stay open-minded to the vision of the other.

Guidelines

- Evaluate only the files that are on the GIT repository of the student or group.
- Doublecheck that the GIT repository is the one corresponding to the student or the group, as well as to the project.
- Meticulously check that nothing malicious has been used to mislead you and have you assessed something except the content of the official repository.
- If you have not finished the project yet, it is compulsory to read the entire instruction before starting the review.
- Use the special flags in the scale to report an empty or non-functional solution, as well as a case of cheating. In these cases, the assessment is completed and the final grade is 0 (or, in a case of cheating, -42). However, except for a case of cheating, you are encouraged to continue reviewing the project to identify the problems that caused the situation in order to avoid them for the next assessment.
- You must stop giving points from the first wrong exercise even if the following exercises are correct.

Preliminaries

Respect the rules:

- The repository contains the work of the student (or group).
- The student is able to explain their work at any time during the assessment.
- The general rules and the rules of the day are respected throughout the assessment.

☐ Нет ☒ Да

MAIN PART

Exercise 00 – First Test

- Does project structure comply with the task?
- Are isPrime and digitsSum methods implemented correctly?
- Are there exactly four test methods implemented?
- Are annotations specified in the task used?
- Is csv file prepared?
- Are there at least 10 numbers in the csv file?
- Is 100% text coverage provided?
- Do all test work correctly?
- Is it possible to run tests using "mvn clean compile test" command?

☐ Нет ☒ Да

Exercise 01 – EmbeddedDatabase

- Does project structure comply with the task?
- Are spring-jdbc and hsqldb dependencies used?
- Are schema.sql and data.sql files prepared?
- Does testConnection method check connection and work properly?
- Is it possible to run tests using "mvn clean compile test" command?

☐ Нет ☒ Да

Exercise 02 – Test for JDBC Repository

- Does project structure comply with the task?
- Is in-memory database used?
- Are test methods isolated from one another?
- Is findById test implemented and working properly?
- Is update test implemented and working properly?
- Is save test implemented and working properly?
- Is delete test implemented and working properly?
- Is findAll test implemented and working properly?
- Is it possible to run tests using "mvn clean compile test" command?

☐ Нет ☒ Да

Exercise 03 – Test for Service

- Does project structure comply with the task?
- Is UsersRepository mock object used?
- Is authenticate method implemented as per logic specified in the task?
- Is stubbing of findById and update methods used?
- Are test methods implemented for all cases and working correctly?
- Is it possible to run tests using "mvn clean compile test" command?

☐ Нет ☒ Да

☒ Evaluate