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SCALE FOR PROJECT PISCINE JAVA (/PROJECTS/PISCINE-JAVA) / DAY 03 (/PROJECTS/PISCINE-JAVA-DAY-03)

You should evaluate 1 student in this team



Git repository

`git@vogsphere.kzn.21-school.ru:vogsphere/intra-uuid-4572b`



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 long as to the project.
- Meticulously check that nothing malicious has been used to mislead you and have you assess 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 long as a case of cheating. In these cases, the assessment is completed and the final grade is 0 (or in a case of cheating is -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.

Attachments

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/26250/en.subject.pdf>)

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 any rules specific to the day are respected throughout the assessment.

☒ Yes

☐ No

Piscine Java | MODULE 03

Exercise 00 – Egg, Hen... or Human?

- Does the program have two threads for message output (Hen and Egg respectively)?
- Is Human message output only in the end?
- Is the output code of Human message directly stated inside the main method?
- For --count=1000, are there noticeable changes in Hen and Egg messages in the program output (there is competition in threads operation)?

☒ Yes

☐ No

Exercise 01 – Egg, Hen, Egg, Hen...

- Does the program have two threads for message output (Hen and Egg respectively)?
- Do Egg and Hen messages alternate in the output?

☒ Yes☐ No

Exercise 02 – Real Multithreading

- Does the program output the result calculated without the use of threads?
- Does each thread do counting only in a specific section of an array?
- Are section sizes equal (except for the last section)?
- Does the result calculated without the use of threads equal the "multi-threaded result"?

☒ Yes☐ No

Exercise 03 – Too Many Threads...

Use your set of files to check all items.

- Does the file download functionality work properly (as long as your file set contains valid and available URLs)?
- Is each file downloaded only once?
- When the number of threads is half that of files, does each thread receive a task for at least a single download?
- If a single thread is used, does it download all specified files?
- Does the program work properly if number of threads exceeds the number of files?
- Does the program download all files without throwing any exceptions? (It is possible that the system downloads all files yet throws exceptions during operation?)

☒ Yes☐ No

Ratings

Don't forget to check the flag corresponding to the defense

☒ Ok☐ ★ Outstanding project☐ Empty work☐ No author file☐ Invalid compilation☐ Norme☐ Cheat☐ Crash☐ Leaks☐ Forbidden function

Conclusion

Leave a comment on this evaluation

Finish evaluation

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