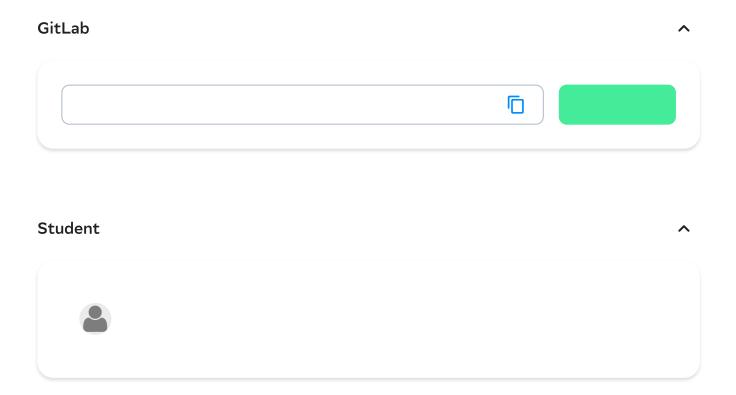


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Project evaluation «Day 03. Threads»



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.



Search

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

Нет



Main page

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?



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- For --count=1000, are there noticeable changes in Hen and Egg messages in the program output (there is competition in threads operation)?

Нет

Да

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?

Нет



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"?

Нет



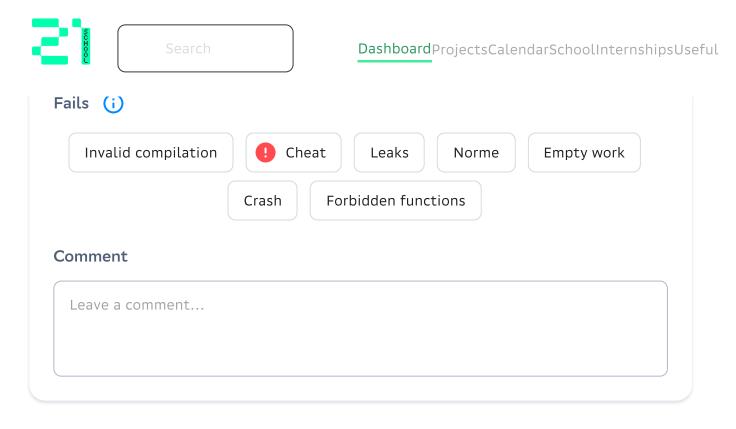
Exercise 03 - Too Many Threads...

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?)

Нет







Type of project Personal

Ouration

Passed checks 0/2

About

Preliminaries

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