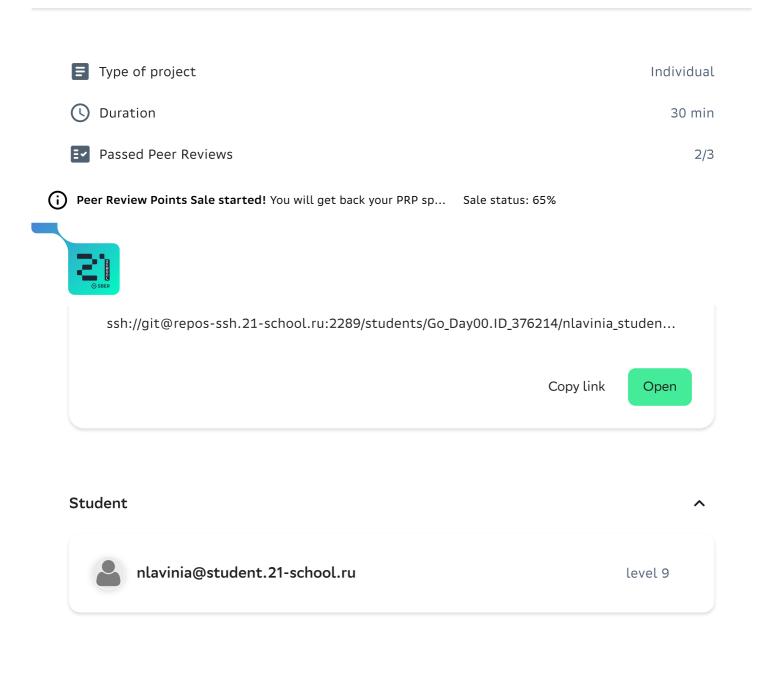
31/05/2023, 13:06 Школа 21

← Project review - APG1 Bootcamp. Day00



Introduction

About

The methodology of School 21 makes sense only if peer-to-peer reviews are done seriously. Please read all guidelines carefully before starting the review.

31/05/2023, 13:06 Школа 21

- Please, stay courteous, polite, respectful and constructive in all communications during this review.

- Highlight possible malfunctions of the work done by the person and take the time to disc uss and debate it. The pedagogy is valid only and only if peer-evaluation is conducted serio usly.
- Keep in mind that sometimes there can be differences in interpretation of the tasks and t he scope of features. Please, stay open-minded to the vision of the other.
- If you have not finished the project yet, it is compulsory to read the entire instruction bef ore starting the review.

Guidelines

- Evaluate only the files that are in src folder on the GIT repository of the student or group.
- Ensure to start reviewing a group project only when the team is present in full.
- Use special flags in the checklist to report, for example, an "empty work" if repository do es not contain the work of the student (or group) in the src folder of the develop branch, or "cheat" in case of cheating or if the student (or group) are unable to explain their work at a ny time during review as well as if one of the points below is not met. However, except for cheating cases, you are encouraged to continue reviewing the project to identify the proble ms that caused the situation in order to avoid them at the next review.
- Doublecheck that the GIT repository is the one corresponding to the student or the group.
- Meticulously check that nothing malicious has been used to mislead you.
- In controversial cases, remember that the checklist determines only the general order of the check. The final decision on project evaluation remains with the reviewer.

MAIN PART

Exercise 00 - Anscombe

Check that project only requires running `go build` to produce an executable

Check that submission includes *go.mod* and *go.sum* (in case external dependencies are used)

Check that application works when being passed a sequence of integer numbers, separated by newlines

Check that results are correct both when input is sorted and when it isn't

Check that cases like an empty string with newline, value out of [-100000, 100000] bounds, characters don't crash the program

Check that application can be run in such way it prints only a specified subset of metrics

Check that mean is calculated correctly for both odd and even number of inputs

Check that the output for mean is rounded to two decimal points

Check that median is calculated correctly for both odd and even number of inputs

Check that the median output is rounded to two decimal points

Check that mode is always equal to the most frequent number in the input

Check that if there are multiple most frequent numbers, then mode is equal to the smallest one among those

Check that SD calculation works even if mean calculation is disabled

31/05/2023, 13:06 Школа 21

Check that SD is calculated correctly, being equal to either regular SD or a population SD Check that the SD output is rounded to two decimal points



Fails (i)

Leaks Empty work Invalid compilation Crash Code style

Forbidden functions Cheat

Comment

Leave a comment...

