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SCALE FOR PROJECT PISCINE PYTHON DATA SCIENCE (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE) / DAY 04 (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE- DAY-04)

You should evaluate 1 student in this team



Git repository

git@vogsphere.kzn.21-school.ru:vogsphere/intra-uuid-011d53b4-4e75-4d0



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/49868/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 Python | Data Science MODULE 04

Any hardcoded result is worth zero for the exercise.

Exercise 00 – List comprehensions

- The script has two functions: one with a loop and append and the other with a list comprehension?
 - timeit calls the functions 90 000 000 times?
 - The time spent by both functions is displayed ascendingly in the string?
 - Ask to modify the script: it should give the results of both functions. Are they correct and identical?
- In all other cases, the test is failed.

☒ Yes

☐ No

Exercise 01 – Map

- The script has three functions: one with a loop and append, another with a list comprehension, and the other with a map?
 - timeit calls the functions 90 000 000 times?
 - The time spent by all the functions is displayed ascendingly in the string?
 - Ask to modify the script: it should give the results of all the functions. Are they correct? map() will have None inside the list.
- In all other cases, the test is failed.

☒ Yes

☐ No

Exercise 02 – Filter

- The script has four functions: one with a loop and append, another with a list comprehension, another with a map, and the other with a filter?
 - Ask to modify the script: it should give the results of any function. Try all the functions. Are their results correct and identical?
 - If you give a wrong function name, does the script make an exception?
- In all other cases, the test is failed.

☒ Yes

☐ No

Exercise 03 – Reduce

- The script has two functions: one with a loop and sum, another with a reduce?
 - Ask to modify the script: it should give the results of any function. Try all the functions. Are their results correct and identical?
 - If you give a wrong function name, does the script make an exception?
- In all other cases, the test is failed.

☒ Yes☐ No

Exercise 04 – Counter

- The script has two functions: one with a dict of unique values and their counts, another with the top 10 numbers?
 - Ask to modify the script: it should give the results of all 2 functions.
- Are the results of corresponding functions correct and identical?
- In all other cases, the test is failed.

☒ Yes☐ No

Exercise 05 – Generator

- The first script reads all the file lines into a list and then returns it?
 - The second uses a generator and yields?
 - Both scripts show Peak Memory Usage in GB?
 - Both scripts show User Mode Time + System Mode Time in seconds?
- In all other cases, the test is failed.

☒ 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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