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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.msk.21-school.ru:vogsphere/intra-uuid-a6abf08`   ⎘

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/49854/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