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Remember that the quality of the defenses, hence the quality of the of the school on the labor market depends on you. The remote defenses during the Covid crisis allows more flexibility so you can progress into your curriculum, but also brings more risks of cheat, injustice, laziness, that will harm everyone's skills development. We do count on your maturity and wisdom during these remote defenses for the benefits of the entire community.

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@vogosphere.msk.21-school.ru:vogosphere/intra-uuid-5ed0a05



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/25737/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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