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# SCALE FOR PROJECT PISCINE PYTHON DATA SCIENCE (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE) / DAY 00 (/PROJECTS/PISCINE-PYTHON-DATA-SCIENCE-DAY-00)

You should evaluate 1 student in this team



Git repository

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## 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.

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## Attachments

 subject.pdf (<https://cdn.intra.42.fr/pdf/pdf/49864/en.subject.pdf>)

## Preliminaries

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### 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

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## Piscine Python | Data Science MODULE 00

*Any hardcoded result is worth zero for the exercise.*

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### Exercise 00 - First shell script

- Files hh.sh and hh.json exist in the directory of the repository?
  - hh.sh is executable?
  - hh.sh stores the file hh.json as a result of execution?
  - hh.json contains information about exactly 20 vacancies?
  - hh.sh works with different keywords for the search as the argument?
  - hh.json formatted in the way that each field of JSON is placed on a different line?
- In all other cases, the test is failed.

 Yes

 No

### Exercise 01 – Transforming JSON to CSV

- Files filter.jq and hh.csv exist in the directory of the repository?
- filter.jq produces file hh.csv?
- hh.csv contains only specified 5 columns?
- hh.csv contains all the values in any row delimited by a comma?
- hh.csv contains the headers?
- Nothing except authorized function is used to produce the result?

In all other cases, the test is failed.

☒ Yes

☐ No

### Exercise 02 – Sorting a file

- Files sorter.sh and hh\_sorted.csv exist in the directory of the repository?
- sorter.sh is executable?
- sorter.sh stores the file hh\_sorted.csv as a result of execution?
- hh\_sorted.csv is sorted correctly?
- hh\_sorted.csv is a valid CSV file (comma is a delimiter and there are no spaces before and after the delimiter)?
- hh\_sorted.csv contains the headers?
- Nothing except authorized function is used to produce the result?

In all other cases, the test is failed.

☒ Yes

☐ No

### Exercise 03 – Replacing string in a file

- Files cleaner.sh and hh\_positions.csv exist in the directory of the repository?
- cleaner.sh is executable?
- cleaner.sh stores the file hh\_positions.csv as a result of execution?
- hh\_positions.csv is sorted correctly?
- hh\_positions.csv is a valid CSV file?
- hh\_positions.csv contains the headers?
- Strings "Junior", "Middle" and "Senior" are kept accordingly to the exercise?
- In all other cases "-" is used for the field?
- Nothing except authorized function is used to produce the result?

In all other cases, the test is failed.

☒ Yes

☐ No

### Exercise 04 – Descriptive statistics

- Files counter.sh and hh\_uniq\_positions.csv exist in the directory of the repository?
- counter.sh is executable?
- counter.sh stores the file hh\_uniq\_positions.csv as a result of execution?

- hh\_uniq\_positions.csv is sorted correctly?
- hh\_uniq\_positions.csv is a valid CSV file?
- hh\_uniq\_positions.csv contains the headers?
- Nothing except authorized function is used to produce the result?

In all other cases, the test is failed.

✓ Yes

✗ No

### Exercise 05 – Partitioning and concatenation

- Files partitioner.sh and concatenator.sh exist in the directory of the repository?
  - partitioner.sh and concatenator.sh is executable?
  - partitioner.sh stores the files with correct names corresponding to the dates?
  - Each file produced by partitioner.sh contains only the dates that correspond to the names of the files?
  - Each file produced by partitioner.sh is a valid CSV file?
  - Each file produced by partitioner.sh contains the headers?
  - concatenator.sh takes as input all the files of partitioner.sh?
  - The result of concatenator.sh is identical to the result of Exercise 03?
  - Nothing except authorized function is used to produce the result?
- 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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