

# SCALE FOR PROJECT

## PISCINE PYTHON FOR DATA

### SCIENCE / DAY 02

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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.

## Attachments

- [The exercises](#)

## 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 D02

- Any hardcoded result is worth zero for the exercise.

### Exercise 00 – Simple class

- the code contains the class `Must_read`?
- the script works as expected in the subject?

In all other cases, the test is failed.

Yes | No

### Exercise 01 – Method

- the code contains the class `Research`?
- the class contains the method `file_reader()`?
- the script displays the result as expected in the subject?

In all other cases, the test is failed.

Yes | No

## Exercise 02 – Constructor

- the class has the constructor `init()` and the path is stored in a variable inside the constructor?
- `file_reader()` does not have the path to the file as an argument?
- an exception is raised if a file with a wrong scheme was given?
- the script displays the result as expected in the subject?

The exercise is considered failed if one of the points requested is not perfectly realized.

Yes | No

## Exercise 03 – Nested class

- `file_reader()` has `has_header` with the default value `True`?
- if you give files with header and without and pass corresponding `has_header` as argument in the main program, the script still displays what is required?
- the code has `Calculations` class with two methods `counts()` and `fractions()`?
- all the methods work correctly?

The exercise is considered failed if one of the points requested is not perfectly realized.

Yes | No

## Exercise 04 – Inheritance

- `counts()` does not have `data` as an argument?
- `data` is stored in a variable inside the constructor of `Calculations` class?
- `Analytics` inherits from `Calculations`?
- all the methods work correctly?
- if you run `counts()` from the `Analytics` class, it works correctly without errors?

In all other cases, the test is failed.

Yes | No

## Exercise 05 – Config and the main program

- all the parameters are stored in `config.py`?
- `analytics.py` contains only imports and the classes with their methods without logic of the main program?
- `make_report.py` saves the result as described in the subject?
- if you change the parameters in `config.py`, it changes the behavior of the program?

In all other cases, the test is failed.

Yes | No

## Exercise 06 – Logging

- all methods store the information about their work if they were called to the file `analytics.log`?
- the format of the log file is correct?
- the main program sends the messages to Slack in both cases if the report was successfully created and raised any error?

In all other cases, the test is failed.

Yes | No

## Ratings

Don't forget to check the flags corresponding to the review.

Ok | Outstanding project

Empty work | Incomplete work | Cheat | Crash | Forbidden function

## Conclusion

Leave a comment on this evaluation.