

SCALE FOR PROJECT PISCINE OCAML (/PROJECTS/PISCINE-OCAML) / DAY 05 (/PROJECTS/PISCINE-OCAML-DAY-05)

Introduction

For the sake of this evaluation, we ask you to:

- Stay mannerly, polite, respectful and constructive during this evaluation. The trust between you and the 42 community depends on it.
- Bring out to the graded student (or team) any mistake she or he might have done.
- Accept that there might be differences of interpretation of the subject or the rules between you and the graded student (or team). Stay open minded and grade as honestly as possible.

Guidelines

- You must grade only what is present and the graded student's (or team) repository. As such, any non-tested feature is a non-functional feature.
- You must stop grading at the first failed exercise, but you are encouraged to continue testing and discussing the following exercises.
- For each exercise, you must compile the exercise using `ocamlpt` and run the generated executable. If the compilation fails or warns, or an exception is thrown at runtime, the exercise is failed.
- Remember that if the student's tests cannot prove that his

exercise is working properly, he cannot earn points for it.

- Remember to check function names, types, behaviours and outputs.

Attachments

 Subject (<https://cdn.intra.42.fr/pdf/pdf/2740/d05.en.pdf>)

 resources (/uploads/document/document/246/resources.tar.gz)

Preliminaries

This section is dedicated to set the evaluation up and test its prerequisites. It doesn't reward any points, but if something is wrong at this step or at any point of the evaluation, the grade final is 0, and an appropriate flag might be checked if needed.

Respect of the rules

- The graded student (or team)'s work is present on her or his repository.

- The graded student (or team) is able to explain her or his work at any time of the evaluation.

- The general rules and the possible day-specific rules are respected at any time of the evaluation.

 Yes

 No

ex00: Micro-nap

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The program has to work as expected by the subject. Try it at least with a negative value, zero, a positive value and a non-number input.

 Yes

 No

ex01: ft_ref

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All the required functions have to be tested, and the ft_ref type must be implemented using a mutable record (it's the only acceptable answer here).

☒ Yes

☐ No

ex02: Bad jokes

Mandatory points

There must be at least 5 jokes, stored in an array. Run the program several times and make sure the joke you get is randomly picked, otherwise tel the graded student that her/his work is a bad joke and that the exercise is failed.

☒ Yes

☐ No

Bonus points

How bad are the jokes ? Giving 0 points here is fully understandable.



Rate it from 0 (failed) through 5 (excellent)

ex03: Bad jokes, improved

Mandatory points

The jokes have to be picked from the file specified as parameter to the program and stored in an array. To prove that, you must

be able to edit the file and see your changes when you run the program.

☒ Yes

☐ No

Bonus points

How bad are the jokes ? Giving 0 points here is fully understandable.

☒ Yes

☐ No

ex04: sum

Mandatory points

Does it work? :)
See ? No tricks.

☒ Yes

☐ No

ex05: Euclidian distance

Mandatory points

Check that the function is sufficiently tested (testing the function against two arrays of different sizes is not required). Obviously the results must be correct.

☒ Yes

☐ No

ex06: examples_of_file

Mandatory points

Does the function work? It has to at least process the ionosphere files correctly.

☒ Yes

☐ No

ex07: one_nn

Mandatory points

Does the function work? You should at least see a very simple example where verifying the result by hand is easy.

☒ Yes

☐ No

ex08: k_nn

Mandatory points

Does the function work ? You should at least see a very simple example where verifying the result by hand is easy.

☒ Yes

☐ No

Bonus points: tie breaking

How smart is the way the student handles ties with an even K ?
A random doesn't give points, but it doesn't invalidate the exercise neither.

Rate it from 0 (failed) through 5 (excellent)



Bonus points: full testing

Is there a full run on the test set with an accuracy measure ?

☒ Yes

☐ No

Ratings

Don't forget to check the flag corresponding to the defense

☒ Ok

☐ Empty work

☐ Incomplete work

☐ No author file

☐ Invalid compilation

☐ Norme

☐ Cheat

☐ Crash

☐ Forbidden function

Conclusion

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