

Remember that the quality of the defenses, hence the quality of the of the school on the labor market depends on you. The remote defences 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 OCAML / DAY 00

You should evaluate 1 student in this team

Git repository

Introduction

For the good 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 did.
- 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.
- You must stop grading at the first failed exercise, but you are encouraged to continue testing and discussing the following exercises.

Attachments

 [subject.pdf](#)

Preliminaries

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

Respect of the rules

- The graded student (or team) 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

OCaml piscine D00

- For each exercice, you must compile the exercice using ocamlc and run the generated executable. If the compilation fails or warns, or an exception is thrown at runtime, the exercice is failed. - Whether the graded student provided tests or not, you must test her or his work extensively and asses if the work is done or not. - Remember to check function names, types, behaviours and outputs. - Never test overflows for today.

Ex00, ft_test_sign

Test the function with at least the values: 42 -> positive 0 -> positive

-42 -> negative

 Yes

 No

Ex01, ft_countdown

Test the function with at least a negative value, 0, 9 and 42.

 Yes

 No

Ex02, ft_power

Test the function with different pairs of values, including 0 and 1, but not 0 as the number and exponent at the same time.

 Yes No

Ex03, ft_print_alphabet

Test if the alphabet is displayed correctly.

 Yes No

Ex04, ft_print_comb

For obvious reasons, I won't display the solution here, but check that the output respects the subject. Look for doublons, wrong order, etc.

 Yes No

Ex05, ft_print_rev

Test the function with an even length string, an odd length string, a string of one character long and the empty string.

 Yes No

Ex06, ft_string_all

This function is interesting because it's the first functional iterator that you wrote. Create two or three character predicates and test them on a couple strings.

 Yes No

Ex07, ft_is_palindrome

Congrate the graded student if she or he used ft_string_all to do this exercise. if not, no big deal. Anyway, test the function with a couple palindrome strings like "lol" or "civic", a string that is not a palindrome and the empty string.

 Yes No

Ex08, ft_rot_n

Test the function with at least the values and the empty string:

Test: ft_rot_n 0 "Test number 1 !" Result: "Test number 1 !"

Test: ft_rot_n 1 "Test number 2 !" Result: "Uftu ovncfs 2 !"

Test: ft_rot_n 13 "Test number 3 !" Result: "Grfg ahzore 3 !"

Test: ft_rot_n 42 "Test number 4 !" Result: "Juij dkcruh 4 !"

 Yes

 No

Ex09, ft_print_comb2

For obvious reasons, I won't display the solution here, but check that the output respects the subject. Look for doublons, wrong order, etc.

 Yes

 No

Ratings

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

 Ok

 Empty work

 No author file

 Invalid compilation

 Norme

 Cheat

 Crash

 Forbidden function

Conclusion

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