

SCALE FOR PROJECT PISCINE OCAML (/PROJECTS/PISCINE-OCAML) / DAY 00 (/PROJECTS/PISCINE-OCAML-DAY-00)

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 (<https://cdn.intra.42.fr/pdf/pdf/5363/d00.en.pdf>)

Preview!!!

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 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. - 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 exercice. 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 ouput 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

📄 Incomplete work

💬 No author file

🧠 Invalid compilation

📖 Norme

📖 Cheat

💥 Crash

🚫 Forbidden function

Conclusion

Leave a comment on this evaluation