SCALE FOR PROJECT OCAML - BASIC SYNTAX AND SEMANTICS - 0 (/PROJECTS/OCAML-BASIC-SYNTAX-AND-SEMANTICS-0)

You should evaluate 1 student in this team

★

Git repository

```
git@vogsphere-v2.1337.ma:vogsphere/intra-uuid-8e39763e-b3e1-4801
```

Introduction

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

- Stay mannerly, polite, respectful and constructive dunring 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 honnestly as possible.

Guidelines

- You must grade only what is present on the graded student's (or team) repository.

- You must stop grading at the first failed exercice, but you are encouraged to continue testing and discussing the following exercices.

Attachments

subject.pdf (https://cdn.intra.42.fr/pdf/pdf/144426/en.subject.pdf)

Preliminaries

This section is dedicated to setup the evaluation and to test the prerequisits. It doesn't reward points, but if something is wrong at this step, the grade is 0 and an approriate flag might be checked if needed.

Respect of the rules

- The graded student (or team) work is present on their repository.
- The graded student (or team) is able to explain their work at any time of the evaluation.
- The general rules and the possible day-specific rules are respected at any time of the evaluation.
- For this project, you need to clone the Git repository on the evaluated person's computer.

Yes No

OCaml - Basic syntax and semantics - 0

- For each exercice, you must compile the exercice using ocamlopt 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 their work extensivelly and decide 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.

Check that the display is the result of printing characters one by one through a recursive function instead of displaying only a 26 characters long string. Otherwise, fail the assignement as cheating.

Yes No

Ex04, ft_print_comb

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

Check that the display is the result of a calculation through a recursive function instead of displaying a hardcoded solution. Otherwise, fail the assignement as cheating.

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 interresting because it's the first functional iterator that you wrote until today. Create two or three character predicates and test them on a couple strings, for instance, is_digit, is alpha, is_vowel, etc.

Yes No

Ex07, ft_is_palindrome

Congratulate the graded student if they used their ft_string_all to complete this assignment. 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 these 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.

Check that the display is the result of a calculation through a recursive function instead of displaying a hardcoded solution. Otherwise, fail the assignement as cheating.

☑ Yes ☒ No

Ratings

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

✔ Ok

Empty work | Incomplete work | Invalid compilation | Cheat | Crash

Incomplete group | Concerning situation | Forbidden function | Can’t support / explain code

Conclusion

Leave a comment on this evaluation

Finish evaluation