

42 Evals[Back to all evaluation sheets](#)**Points earned****0**

ft_printf

You should evaluate **1** student in this team

Introduction

Please follow the rules below:

Please comply with the following rules:

Remain polite, courteous, respectful and constructive throughout the evaluation process. The well-being of the community depends on it.

Identify with the student or group whose work is evaluated the possible dysfunctions in their project. Take the time to discuss and debate the problems that may have been identified.

You must consider that there might be some differences in how your peers might have understood the project's instructions and the scope of its functionalities. Always keep an open mind and grade them as honestly as possible. The pedagogy is useful only and only if the peer-evaluation is done seriously.

Guidelines

Please follow the guidelines below:

Only grade the work that was turned in the Git repository of the evaluated student

or group.

Double-check that the Git repository belongs to the student(s). Ensure that the project is the one expected. Also, check that 'git clor

Check carefully that no malicious aliases was used to evaluate something that is not the content of the offi

Points earned

0

To avoid any surprises and if applicable, review toge facilitate the grading (scripts for testing or automation).

If you have not completed the assignment you are going to evaluate, you have to read the entire subject prior to starting the evaluation process.

Use the available flags to report an empty repository, a non-functioning program, a Norm error, cheating, and so forth. In these cases, the evaluation process ends and the final grade is 0, or -42 in case of cheating. However, except for cheating, student are strongly encouraged to review together the work that was turned in, in order to identify any mistakes that shouldn't be repeated in the future.

Remember that for the duration of the defence, no segfault, no other unexpected, premature, uncontrolled or unexpected termination of the program, else the final grade is 0. Use the appropriate flag.

You should never have to edit any file except the configuration file if it exists. If you want to edit a file, take the time to explicit the reasons with the evaluated student and make sure both of you are okay with this.

You must also verify the absence of memory leaks. Any memory allocated on the heap must be properly freed before the end of execution.

You are allowed to use any of the different tools available on the computer, such as leaks, valgrind, or e_fence. In case of memory leaks, tick the appropriate flag.

Attachments

Please download the attachments below:

 [subject.pdf](#)

Mandatory Part

Simple Conversion Management

Points earned

0

Simple Conversion Management

Simply check each conversion without any flags 'c' or 'C'.

Try special cases like 0, or smallest int, or empty string, or NULL pointer.

Test multiple arguments/conversions.

Test various conversions in the middle of a sentence (put other characters before and/or after).

Yes

No

Get Crazy

Get Crazy

Redo every previous test but this time verify that the return value matches the one of the original printf.

Try any combination of conversions.

Check what happens with a series of identical conversions following each other.

Yes

No

Bonus Part

Bonus part

Evaluate the bonus part if, and only if, the mandatory part is done and perfectly done, and the error management has no usage. In case all the mandatory points were not passed, the bonus points must be totally ignored.

Points earned

0

Simple flags management

Check the flags '!', '-' and 0.

Check the %-d with INT_MIN

Check the ☒ flag with any value.

Check the 0 flag like %04d.

Check the '!' with multiple precisions.

For every test, verify the return value matches the original one.

For each working flag, give 1 point.

If all the flags work, give 2 bonus points.

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



0

1

2

3

4

5

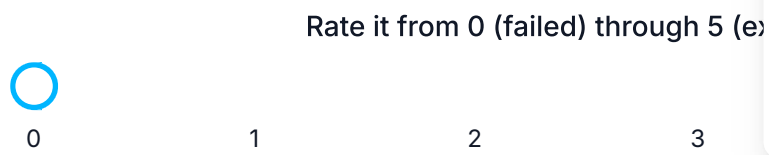
+ space

+ space

Check all the conversions with the flags '#', '+' and space with all the other flag combinations.

For each working flag, give 1 point.

If all the flags work, give 2 bonus points.



Points earned

0

Ratings



OK



Outstanding



Empty Work



Incomplete Work



Invalid Compilation



Norme



Cheat



Crash



Concerning Situations



Leaks



Forbidden Functions