(https://profile.intra.42.fr)

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 bene fits of the entire community.

SCALE FOR PROJECT FT_PRINTF (/PROJECTS/42CURSUS-FT_PRINTF)

You should evaluate 1 student in this team

[?]

Git repository

[?]

Introduction

Please respect 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 person (or the group) evaluated the eventual
dysfunctions of the work. Take the time to discuss
and debate the problems you have identified.

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

Guidelines

- Only grade the work that is in the student or group's
GiT repository.

- Double-check that the GiT repository belongs to the student
or the group. Ensure that the work is for the relevant project

and also check that "git clone" is used in an empty folder.

-        Check carefully that no malicious aliases was used to
fool you and make you evaluate something other than the
content of the official repository.

-        To avoid any surprises, carefully check that both the
evaluating and the evaluated students have reviewed the
possible scripts used to facilitate the grading.

-        If the evaluating student has not completed that
particular project yet, it is mandatory for this student to read
the entire subject prior to starting the defence.

-        Use the flags available on this scale to signal an empty
repository, non-functioning program, a norm error, cheating
etc. In these cases, the grading is over and the final grade is 0
(or -42 in case of cheating). However, with the exception of
cheating, you are encouraged to continue to discuss your work
(even if you have not finished it) in order to identify any issues
that may have caused this failure and avoid repeating the same
mistake 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

subject.pdf (https://cdn.intra.42.fr/pdf/pdf/15634/en.subject.pdf)

Mandatory Part

Simple Conversion Management

- Simply check each conversion without any flags 'cspdiuxX%'
- Try special cases like 0 or smallest int or empty string or null pointer
- Try with multiple arguments/conversions

- Try the various conversions in the middle of a sentence (with other characters before and/or after)

<table>
<tr><td>Yes</td><td>No</td></tr>
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Simple Flags Management

- Use the 's' conversion for all the following test
- Check the 'minimum field width' with values bigger, equal and smaller than the string
- Check the 'minimum field width' with values bigger, equal and smaller than the string with - - Check the 'minimum field width' with values bigger, equal and smaller than the string with 0 - Check the '.' with multiple precisions

<table>
<tr><td>Yes</td><td>No</td></tr>
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Advanced Flags Management

- Use the 's' conversion for all the following test
- Check '*' as minimum field width (try values like negative one, zero etc.)
- Check '*' as precision (try values like negative one, zero etc.)
- Check '*' as both with/without one other flag (try values like negative one, zero etc.)

<table>
<tr><td>Yes</td><td>No</td></tr>
</table>

Get Crazy

- Try any combination of flags and conversions
- Check what happens with duplicate flags

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<tr><td>Yes</td><td>No</td></tr>
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Bonus

We will look at your bonuses if and only if your mandatory part is excellent. This means that you must complete the mandatory part, beginning to end, and your error management must be flawless, even in cases of twisted or bad usage. So if you didn't score all the points on the mandatory part during this defence bonuses will be totally ignored.

nfge

- Check if conversions 'n' 'f' 'g' 'e' are working fine (beware of 'n') with all the flag combinations
- For each working conversion give 1 point
- If all conversions are working give 1 bonus point