



C Piscine

C 02

Summary: This document is the subject for the C 02 module of the C Piscine @ 42.

Contents

I	Instructions	2
II	Foreword	4
III	Exercise 00 : ft_strcpy	5
IV	Exercise 01 : ft_strncpy	6
V	Exercise 02 : ft_str_is_alpha	7
VI	Exercise 03 : ft_str_is_numeric	8
VII	Exercise 04 : ft_str_is_lowercase	9
VIII	Exercise 05 : ft_str_is_uppercase	10
IX	Exercise 06 : ft_str_is_printable	11
X	Exercise 07 : ft_strupcase	12
XI	Exercise 08 : ft_strlowcase	13
XII	Exercise 09 : ft_strcapitalize	14
XIII	Exercise 10 : ft_strlcpy	15
XIV	Exercise 11 : ft_putstr_non_printable	16
XV	Exercise 12 : ft_print_memory	17

Chapter I

Instructions

- Only this page will serve as reference: do not trust rumors.
- Watch out! This document could potentially change up before submission.
- Make sure you have the appropriate permissions on your files and directories.
- You have to follow the submission procedures for all your exercises.
- Your exercises will be checked and graded by your fellow classmates.
- On top of that, your exercises will be checked and graded by a program called Moulinette.
- Moulinette is very meticulous and strict in its evaluation of your work. It is entirely automated and there is no way to negotiate with it. So if you want to avoid bad surprises, be as thorough as possible.
- Moulinette is not very open-minded. It won't try and understand your code if it doesn't respect the Norm. Moulinette relies on a program called `norminette` to check if your files respect the norm. TL;DR: it would be idiotic to submit a piece of work that doesn't pass `norminette`'s check.
- These exercises are carefully laid out by order of difficulty - from easiest to hardest. We **will not** take into account a successfully completed harder exercise if an easier one is not perfectly functional.
- Using a forbidden function is considered cheating. Cheaters get **-42**, and this grade is non-negotiable.
- You'll only have to submit a `main()` function if we ask for a program.
- Moulinette compiles with these flags: `-Wall -Wextra -Werror`, and uses `gcc`.
- If your program doesn't compile, you'll get 0.
- You cannot leave any additional file in your directory than those specified in the subject.
- Got a question? Ask your peer on the right. Otherwise, try your peer on the left.

- Your reference guide is called `Google / man / the Internet /`
- Check out the "C Piscine" part of the forum on the intranet, or the slack Piscine.
- Examine the examples thoroughly. They could very well call for details that are not explicitly mentioned in the subject...
- By Odin, by Thor ! Use your brain !!!



Norminette must be launched with the `-R CheckForbiddenSourceHeader` flag. Moulinette will use it too.

Chapter II

Foreword

Here is a discuss extract from the Silicon Valley serie:

- I mean, why not just use Vim over Emacs? (CHUCKLES)
- I do use Vim over Emac.
- Oh, God, help us! Okay, uh you know what? I just don't think this is going to work. I'm so sorry. Uh, I mean like, what, we're going to bring kids into this world with that over their heads? That's not really fair to them, don't you think?
- Kids? We haven't even slept together.
- And guess what, it's never going to happen now, because there is no way I'm going to be with someone who uses spaces over tabs.
- Richard! (PRESS SPACE BAR MANY TIMES)
- Wow. Okay. Goodbye.
- One tab saves you eight spaces! - (DOOR SLAMS) - (BANGING)

. . .

(RICHARD MOANS)

- Oh, my God! Richard, what happened?
- I just tried to go down the stairs eight steps at a time. I'm okay, though.
- See you around, Richard.
- Just making a point.

Hopefully, you are not forced to use emacs and your space bar to complete the following exercices.