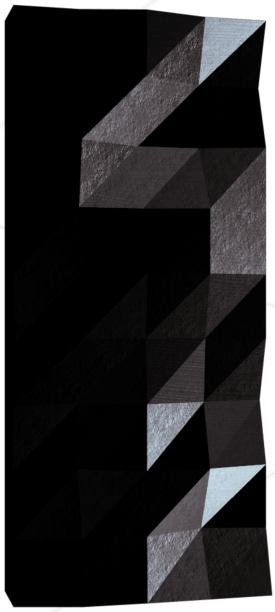

C Piscine - Dash01

Recursion

Summary: *this document is the subject for the dash @ 42Tokyo.*

Contents

Chapter I

Foreword

Often times, loops are the only way we consider implementing iteration in our code.
However, sometimes there is a much more elegant solution.
Use recursion to implement a simple function.

Chapter II

Instructions

- You have exactly 1 hour to complete and submit this project. No retries.
- 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 for this dash will only be checked and graded by Moulinette. `NO PEER EVALUATION`.
- 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.
- 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`.
- Your program will be compiled on 42 Tokyo's iMac.
- You cannot leave any additional file in your directory than those specified in the subject.

Chapter III

Exercice 00 : recursive_putstr

	Exercise 00
recursive_putstr	
Turn-in directory : $ex00/$	
Files to turn in : `recursive_putstr.c`	
Allowed functions : `*`	

- Write a function that prints a string to standard output, followed by a newline.
- `while` and `for` loops are forbidden.
- All standard C library functions are allowed.
- Your function must be declared as follows:

```
void        recursive_putstr(char *str);
```