Piscine C

24

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Summary: *THE FOLLOWING TAKES PLACE BETWEEN 1.00 P.M. AND 2.00 P.M.*

Contents

Chapter I

Consignes

- Only this page will serve as reference, do not trust rumors.

- Watch out! This document could potentially change up to an hour before submission.

- Make sure you have the appropriate permissions on your files and directories.

- You have to follow the submission procedures for every exercise.

- 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.

- Using a forbidden function is considered cheating. Cheaters get -42.

- If ft_putchar() is an authorized function, we will compile your code with our ft_putchar.c.

- You'll only have to submit a main() function if we ask for a program.

- Moulinette compiles with these flags: -Wall -Wextra -Werror.

- If your program doesn't compile, you'll get 0.

- Exercises in Shell must be executable with /bin/sh..

- You cannot leave any additional files in your directory other 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.

- 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 !!!

Chapter II

Foreword

This garden party at the White House was truly the event of the season. The musical atmosphere was interrupted by the telephone of President Kwame Obama, whose ringing resonated throughout the whole marquee set in the middle of the gardens.

"I downloaded it on the World Wide Internet," he said. This is a personalized ringtone meaining it's the CTU thats trying to reach me. What is good is that they keep calling me when I refuse to answer: today I ignore it all together!

"Yes, that's certain. It's a memorable day," said Mary, his personal assistant. "A small dessert should not be refused, but the tray is already empty, what a pity! "

An empty tray? Impossible. All the guests were present and President Kwame Obama had carefully ordered all the dishes so that nothing was missing. Receving his Windows 8 tablet out of his pocket, he decided to compare the numbers himself.
« "If we add the lightning to the coffee ... The strawberry tart ... Knowing that the tiramisu counts for three ..." »

The revelation was approaching.

« "There's ... an extra guest in MA's private garden party!" »

It was a President outside him who rushed into the oval office of the White House and pressed his intercom.

« "Give me the list of guests and the people present! There is an intruder who disrupts the good progress of my birthday as world leader! " »

```
If only President Kwame Obama had taken the trouble to respond to the blow
The beginning of this exercise, you would not have to help him unmask the
guilty. Too bad for you.
```

Chapter III

ft_unmatch.c

	Exercise 19
	ft_unmatch.c
Turn-in directory : *ex19/*	
Files to turn in : `ft_unmatch.c`	
Allowed functions : `None`	
Notes : `n/a`	

- Ecrire une fonction `ft_unmatch` qui retournera la valeur de l'élément du tableau qui n'a pas de paire correspondante.

- Cette fonction sera prototypée de la façon suivante :

```
int        ft_unmatch(int *tab, int length);
```

- Nous vous garantissons qu'il n'y aura qu'un seul élément qui n'aura pas de paire.

- Deux petits exemples pour mieux comprendre :

- Dans le tableau `[1, 1, 2, 3, 4, 3, 4]`, l'élément qui n'a pas de paire est 2.

- Dans le tableau `[1, 1, 2, 4, 3, 4, 2, 3, 4]`, l'élément qui n'a pas de paire est 4.