Piscine C

24

Staff 42 piscine@42.fr

Summary: *THE FOLLOWING TAKES PLACE BETWEEN 11.00 A.M. AND 12.00 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

It was the beginning of a normal garden party for President Kwame Obama.

In front of the crowd of journalists attending the White House to get an interview about the attack last night at the CTU, the colossus-faced mahogany had simply said, «"Learn to write my first name after it will be talked about."».

Just as he was about to begin to boogie: he had just received an urgent report from Agent M, his contact with the CTU, warning him of the return of Nick Bauer.

Now, President Kwame Obama was not going to let that hinder the big marquee esspecially made to celebrate the first year of his election.

And if it were necessary to pary on he would without hesitation ask that Nick Bauer be assassinated.

At the same time, Agent 30.1 had finished compiling his report on CTU survivors and presented his findings to Nick Bauer and Chloe O'Brian.

« "... in the end, you lost 84% of your workforce, including the entire IT department. Why must be bury so many heads? They were network administrators!
- Confidential information. Find me a team of the best remaining, 30.1, replied Nick. I want experts in all fields: artillery, demoining, infiltration ... Come on! Move! " »

Leaving without dismissing themself, Agent 30.1 left Nick and Chloe alone with their thoughts.

After fifteen long seconds of silence, Chloe spoke.

« "What is the effect of knowing, Bauer, that the Agent who plans to assassinate the President is none other than your half-brother, Javier Bauer?" »

In order to recover from this revelation, help Agent 30.1 select
the best of the best of the best survivors.

Chapter III

ft__max.c

	Exercise 17
	ft__max.c
Turn-in directory : *ex*17/	
Files to turn in : `ft_max.c`	
Allowed functions : `None`	
Notes : `n/a`	

- Create a function `ft_max` which returns the value of the array's biggest element.

- Here's how it should be prototyped:

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