Exercises — Hello friends

IT IS MY JOB TO MAKE SURE YOU DO YOURS.

Copyright

This document is for internal use at EPITA ([website](#)) only.

Copyright © 2021-2022 Assistants `<assistants@tickets.assistants.epita.fr>`

The use of this document must abide by the following rules:
- ▷ You downloaded it from the assistants' intranet.*
- ▷ This document is strictly personal and must **not** be passed onto someone else.
- ▷ Non-compliance with these rules can lead to severe sanctions.

Contents

---

1 Hello friends

Files to submit:

- hello_friends/hello.c

Main function: required

Authorized functions: You are only allowed to use the following functions:

- printf(3)

Authorized headers: You are only allowed to use the functions defined in the following headers:

- stddef.h

- errno.h

- err.h

- assert.h

1.1 Goal

You have to write a program that outputs for each given argument `Hello <argument>!` ("Hello", space, the *argument*, exclamation mark), followed by a line feed in the standard output. If no argument is given, simply print `Hello World!`. The expected return value is 0.

1.2 Example

```
42sh$ gcc -Wall -Wextra -Werror -pedantic -std=c99 -o hello hello.c
42sh$ ./hello | cat -e
Hello World!$
42sh$ ./hello Bob friends | cat -e
Hello Bob!$
Hello friends!$
```

It is my job to make sure you do yours.