Exercises — Hello Friends

version **#7be580532266ed398481e31366afcc24b1950c2a**

The way is lit. The path is clear.
We require only the strength to follow it.

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Contents

File Tree

```
hello_friends/
└── hello.c  (to submit)
```

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

- err.h

- errno.h

- assert.h

- stddef.h

Compilation : Your code must compile with the following flags

- -std=c99 -pedantic -Werror -Wall -Wextra -Wvla

Main function : Required

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.

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!$
```

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