



EXERCISES — Spoilers

version #7be580532266ed398481e31366afcc24b1950c2a



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

Copyright

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

Copyright © 2022-2023 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 Spoilers

3

*<https://intra.assistants.epita.fr>

File Tree

```
spoilers/  
└─ spoilers.c  (to submit)
```

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

- write
- read
- open
- close
- isspace
- lseek

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 Spoilers

The goal of this exercise is to make a program which displays the last 2 characters of a file, excluding whitespace characters. You must submit a file with a main function. The two characters must be followed by a line feed.

Whitespace characters:

- ' ' space
- '\f' feed
- '\r' carriage return
- '\n' newline
- '\t' horizontal tab
- '\v' vertical tab

```
42sh$ ls  
enemy.txt champignius_brain.txt  
42sh$ cat enemy.txt  
We all hate Champignius
```

Only 1 argument must be passed to your program otherwise display *Invalid number of arguments* to stderr and return 1. If the file is too short you must display *File is not long enough* to stderr and return 1. If no error occurred return 0. If the file does not exist or if you can't access it you should print *Could not open file* to stderr and return 1.

```
42sh$ ./spoilers enemy.txt
us
42sh$ ./spoilers enemy.txt champignius_brain.txt
Invalid number of arguments
42sh$ ./spoilers
Invalid number of arguments
42sh$ ./spoilers champignius_brain.txt
File is not long enough
42sh$ ./spoilers champignus_pride.txt
Could not open file
```

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