



EXERCISES — Count Words

version #



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1 Count Words

Files to submit:

- file_basics_count_words/count_words.c

Main function: None

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

- fclose
- fopen
- fgetc

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

- stddef.h
- assert.h
- errno.h
- err.h

1.1 Goal

In this exercise, you have to write a function that returns the number of words written in the file `file_in`. You have to open `file_in` in read-only mode. In the file, words can be separated by any number of spaces, tabulations and line feeds. If any error occurs or NULL parameters, your function must return -1.

```
int count_words(const char *file_in);
```

It is my job to make sure you do yours.