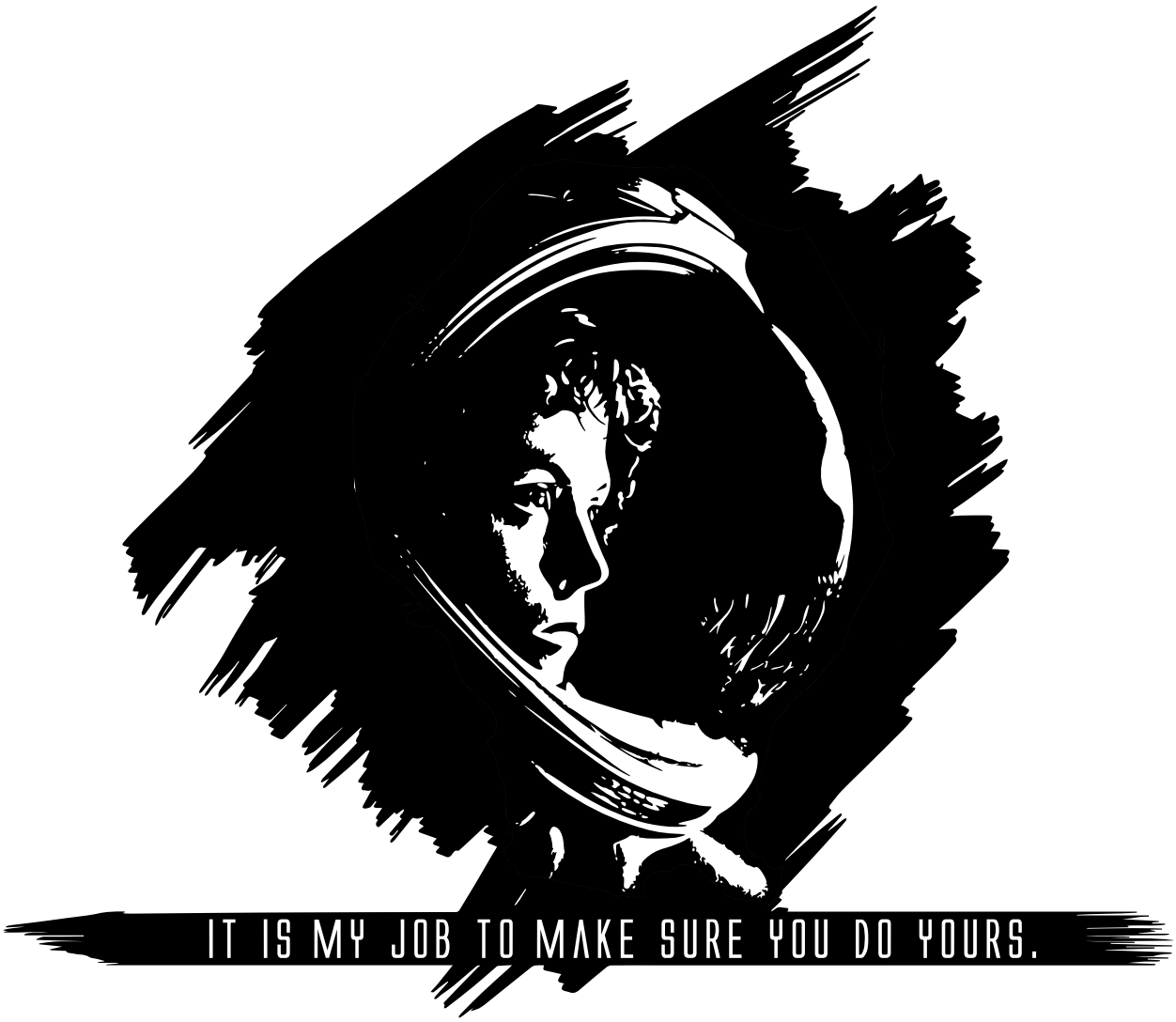
# Exercises — my strstr

version #

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## Contents



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# 1 my strstr

**Files to submit**:

- my_strstr/my_strstr.c
- my_strstr/my_strstr.h

**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

Write a function that behave like `strstr(3)`. Your function must look for the first occurrence of the `needle` string within the `haystack` string, and return the index to the beginning of `needle`. If `needle` was not found, `my_strstr` must return `-1`.

```
int my_strstr(const char *haystack, const char *needle);
```

If `needle` is empty, you must return `0`. The case where only `haystack` is empty will not be tested.

*It is my job to make sure you do yours.*