Exercises — My strstr

version **#7be580532266ed398481e31366afcc24b1950c2a**

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Contents

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File Tree

```
my_strstr/
├── my_strstr.c   (to submit)
└── my_strstr.h   (to submit)
```

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 : None

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.

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