Exercises — String Revert

version **#7be580532266ed398481e31366afcc24b1950c2a**

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Contents

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File Tree

```
str_revert/
├── str_revert.c   (to submit)
└── str_revert.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 reverses a string. However, it must keep the *'0'* character at the end of the string. *NULL* pointer will not be tested.

Follow this prototype:

```c
void str_revert(char str[]);
```

2 Example

```c
#include <stdio.h>

#include "str_revert.h"

int main(void)
{
    char foo[] = "fou";
    str_revert(foo);
    printf("%s\n", foo); // "uof"
}
```

```
42sh$ gcc -Wall -Wextra -Werror -std=c99 -pedantic str_revert.c
42sh$ ./str_revert
uof
42sh$
```

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