



# EXERCISES — My itoa

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version #7be580532266ed398481e31366afcc24b1950c2a



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

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## File Tree

```
my_itoa/
├── my_itoa.c  (to submit)
└── my_itoa.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

You must implement the following `my_itoa` function:

```
char *my_itoa(int value, char *s);
```

This function converts the integer passed as argument in its ASCII representation, and store it in `s` (without forgetting to end it by `'\0'`). The function returns the resulting string (the same as the one given by the argument `s`). Consider that the caller already allocated the space needed in `s`.

### Tips

Your code does not have to work with the value `INT_MIN` (see `limits.h`).

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