



EXERCISES — Add Int Pointers

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File Tree

```
add_int_ptr/  
└─ add_int_ptr.c (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 `add_int_ptr` which takes two `int*` as parameters and stores the sum of values pointed by both arguments in the first one. The function return this pointer which contains the result.

```
// *a = 15, *b = 6  
int *c = add_int_ptr(a, b); // *a = 21, *b = 6, *c = 21
```

If `a` or `b` are `NULL`, you have to return `a`. You do not have to handle overflow and underflow.

The wanted prototype is:

```
int *add_int_ptr(int *a, int *b);
```

I must not fear. Fear is the mind-killer.