



Dash - ft\_smallest\_sort

ft\_smallest\_sort

*Summary: this document is the subject for the dash @ 42Tokyo.*

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# Chapter I

## Foreword

You might know which sorting algorithms are the fastest...  
But which are the smallest?

# Chapter II

## Objective

Create the smallest `ft_smallest_sort.c`.


# Chapter III

## Instructions

- If your program doesn't compile, it's a 0.
- Evaluation will be done on 42 Tokyo's Mac.
- This dash is a solo project.
- Turn in your code inside the turn-in repository.

# Chapter IV

## Exercice 00 : ft\_smallest\_sort

	Exercise 00
ft_smallest_sort	
Turn-in directory : <i>ex00/</i>	
Files to turn in : <b>ft_smallest_sort.c</b>	
Allowed functions : *	
Forbidden functions : <b>qsort</b>	

- Write a function that takes an unsorted integer array and its length as arguments and returns the array sorted in ascending order.
- Your function must be declared as follows:

```
int *ft_smallest_sort(int *arr, size_t length);
```