



Quicksort

Cost: 10 | Solved: 147

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given an array of n integers.

You have to write the “quicksort” for this array.

Input:

The first line contains a natural number n ($1 \leq n \leq 10^5$) – the quantity of elements of the array.

The second line contains n numbers – the elements of the array.

Output:

The sorted array.

Example:

Input	Output
9 9 -3 5 2 6 8 -6 1 3	-6 -3 1 2 3 5 6 8 9

