



(/en/),
v1.1.0

CSD Testing System

(/en/)

Find the k th smallest element of an array

Cost: 12 | Solved: 83

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given an array of n integers and a natural k .

You have to find the k th smallest element of the array.

You can't create array consisting of more than k elements.

Input:

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

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

Output:

The k th smallest element of the array.

Example:

Input	Output
6 3 7 4 6 3 9 1	4

