



(/en/),  
v1.1.0

CSD Testing System

(/en/)

# Insert the element into an array

Cost: 2 | Solved: 154

**Memory limit:** 256 MBs

**Time limit:** 1 s

**Input:** input.txt

**Output:** output.txt

## Task:

You are given a sequence of numbers, an index of where you need to insert the element, and the element itself. Insert the element into an array, displacing the subsequent elements.

## Input:

Contains a natural  $n$  – the quantity of numbers in a sequence, then  $n$  numbers – elements of a sequence. The next line contains an integer  $k$  – an index of the new element ( $1 \leq k \leq n$ ) and an integer  $a$  – the new element.

## Output:

The changed sequence that includes the new element.

## Example:

Input	Output
5 1 5 2 5 3 3 -2	1 5 -2 2 5 3
1 1 1 2	2 1

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