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v1.1.0

CSD Testing System

(/en/)

Merge two sorted arrays

Cost: 3 | Solved: 110

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given two arrays sorted in non-descending order. Merge them into one sorted array.

Input:

Contains two naturals n and m – lengths of arrays, the next line contains n integers (elements of the first array) and the last line contains m integers (elements of the second array).

Output:

The merged array.

Example:

Input	Output
5 5 1 3 5 7 9 2 4 6 8 10	1 2 3 4 5 6 7 8 9 10

1 2	
2	1 2 3
1 3	