Lexicographic sorting of a given set of words

Cost: 10 | Solved: 125

Memory limit: 256 MBs

Time limit: 1 s

Input: input.txt

Output: output.txt

Task:

You are given an set of **n** strings.

Sort it lexicographically.

Input:

A natural **n –** the quantity of words, then **n** words.

Output:

All the words in lexicographical order.

Example:

Input	Output
2 aaaaa aaaa	aaaa aaaaa