

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

038. Unshuffle the Cards

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

You are given a shuffled deck of cards, and your task is to return them to sorted order. Sorted order involves the cards being sorted first by their numbers, and if their numbers are equal, being sorted by their suit. In the sorting, clubs comes before diamonds, which comes before hearts, which comes before spades. The deck may not be complete, i.e. some cards may be missing. Assume that aces are always the highest possible card for this problem.

Input

The first line of input contains a single integer n ($1 < n \leq 52$): the number of cards in the deck. The next line contains n space-separated blocks, each representing a card. Each block will contain one character representing the value of the card, and a second character representing the suit of the card. **No "10" cards will be given in the input.**

Output

Output n space-separated blocks: the deck, after sorting is complete.

Example

input	Copy
10 8C 7D QH QD QC KD 2H AD 3D 7H	
output	Copy
2H 3D 7D 7H 8C QC QD QH KD AD	

CodeRams Practice Problem Archive

Finished

Practice



About Contest

The archive of CodeRams practice problems from the 2019-20 season. The problems were made to be similar to CodeQuest problems, more information here: <https://www.lockheedmartin.com/en-us/who-we-are/communities/codequest.html>

Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

Submit?

Language: GNU G++20 13.2 (64 bit, win

Choose file: Choose File No file chosen

Submit

Last submissions

Submission	Time	Verdict
255588343	Apr/08/2024 11:32	Accepted
255587243	Apr/08/2024 11:20	Wrong answer on test 1
255586857	Apr/08/2024 11:16	Wrong answer on test 6
255586486	Apr/08/2024 11:12	Wrong answer on test 6
255585925	Apr/08/2024 11:06	Wrong answer on test 1