



Practice Arena

Practice problems aimed to improve your coding skills.

- 📁 PRACTICE-02_SCAN-PRINT
- 📁 PRACTICE-03_TYPES
- 📁 LAB-PRAC-02_SCAN-PRINT
- 📁 LAB-PRAC-01
- 📁 PRACTICE-04_COND
- 📁 BONUS-PRAC-02
- 📁 LAB-PRAC-03_TYPES
- 📁 PRACTICE-05_COND-LOOPS
- 📁 LAB-PRAC-04_COND
- 📁 LAB-PRAC-05_CONDLLOOPS
- 📁 PRACTICE-07_LOOPS-ARR
- 📁 LAB-PRAC-06_LOOPS
- 📁 LAB-PRAC-07_LOOPS-ARR
 - ❓ Home Alone
 - ❓ Arrangements with Arrays
 - ❓ Overlapping Patterns
 - ❓ Lucky Draw
 - ❓ Diamond Array
 - ❓ Linear Leap
 - ❓ Candy Crush
 - ❓ Nested Safes
 - ❓ Heros Arc
 - ❓ Linear Loopy Maze
 - ❓ Histogram Heights
 - ❓ Changing Times
- 📁 LABEXAM-PRAC-01_MIDSEM
- 📁 PRACTICE-09_PTR-MAT
- 📁 LAB-PRAC-08_ARR-STR
- 📁 PRACTICE-10_MAT-FUN
- 📁 LAB-PRAC-09_PTR-MAT
- 📁 LAB-PRAC-10_MAT-FUN
- 📁 PRACTICE-11_FUN-PTR
- 📁 LAB-PRAC-11_FUN-PTR
- 📁 LAB-PRAC-12_FUN-STRUC
- 📁 LABEXAM-PRAC-02_ENDSEM
- 📁 LAB-PRAC-13_STRUC-NUM
- 📁 LAB-PRAC-14_SORT-MISC

Home Alone

LAB-PRAC-07_LOOPS-ARR

Home Alone [10 marks]

Problem Statement

Your parents were not at home, so you decided to play with 2 box of cards. The first box had 5 cards, while the second box had 6 cards. Each card had an **integer** number on it. However, you made a mess, and mixed up cards from the two boxes. You know that your mother only remembered that the cards were sorted, and not which card belonged to which box. So, you decided to keep all the cards in 1 box, in sorted order. Can you do that before your parents come?

You will be given the numbers of the first box **as five integers sorted in non-decreasing order** in the first line of the input and the numbers of the second box **as six integers sorted in non-decreasing order** in the second line of the input. Numbers in each line will be separated by a single space.

Give your output as the list of integers from both boxes combined in non-decreasing order with a single space between 2 numbers. There should be no trailing spaces at the end of the output.

Caution

1. Be careful about extra/missing lines and extra/missing spaces.
2. Be very careful, even though the evaluation may give you marks for extra spaces and newlines, the autograder will give you zero marks for any extra spaces or new lines.

HINTS:

1. You will require the use of arrays in this question.
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EXAMPLE:

INPUT

```
1 3 5 6 8
2 4 6 7 9 10
```

OUTPUT:

```
1 2 3 4 5 6 6 7 8 9 10
```

Grading Scheme:

Total marks: **[10 Points]**

There will be no partial grading in this question. An exact match will receive full marks whereas an incomplete match will receive 0 points. Please be careful of missing/extra spaces and missing/lines (take help of visible test cases). Each visible test case is worth 1 point and each hidden test case is worth 2 points. There are 2 visible and 4 hidden test cases.

 **Start Solving! (/editor/practice/6137)**