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_CONDLOOPS
- 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

Arrangements with Arrays

LAB-PRAC-07_LOOPS-ARR

Arrangements with Arrays [20 marks]

Problem Statement
On the first line of the input, you will be given a **strictly positive integer** n. We promise that n will always be less than 10. On the next two lines each, you will see a sequence of n **non-negative integers**. Store these two sequences in two arrays a and b.

Now, your output will have n lines. In the i-th line of the output, where i goes from 1 to n, you have to print the element a[i-1]. However, the number of times you print this integer will be different. If a[i-1] is odd, print it as many times as it's value else print it b[i-1] number of times. Be careful not to have extra spaces at the end of the lines or extra lines.

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.
3. 1, 3, 5 etc are considered an odd numbers, 0, 2, 4 etc are considered even numbers.

EXAMPLE:
INPUT
4
1 3 5 7
2 4 6 3

OUTPUT:
1
3 3 3
5 5 5 5 5
7 7 7 7 7 7 7

Grading Scheme:
Total marks: **[20 Points]**

There will be partial grading in this question. Printing each line correctly, in the correct order, carries some weightage. All lines have equal weightage i.e. if there are 4 lines in the expected output, each is worth 25% weightage. If there are 5 lines in the expected output, each is worth 20% weightage. Each visible test case is worth 2 points and each hidden test case is worth 4 points. There are 2 visible and 4 hidden test cases.

Please remember, however, that when you press Submit/Evaluate, you will get a green bar only if all parts of your answer are correct. Thus, if your answer is only partly correct, Prutor will say that you have not passed that test case completely, but when we do autograding afterwards, you will get partial marks.

Start Solving! (/editor/practice/6138)