

Find the Corrupt Pair

Try to solve the Find the Corrupt Pair problem.



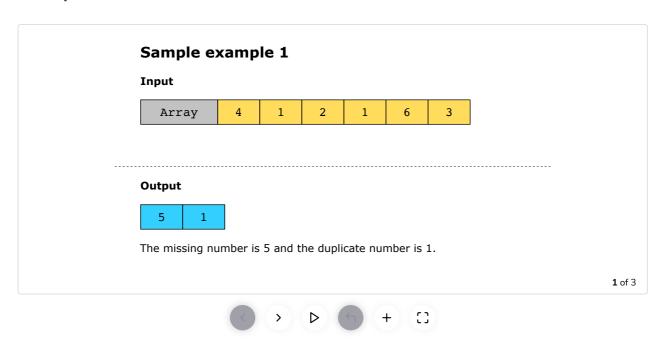
Statement

We are given an unsorted array, nums, with n elements and each element is in the range [1, n] inclusive. The array originally contained all the elements from 1 to n but due to a data error, one of the numbers is duplicated, which causes another number missing. Find and return the corrupt pair (missing, duplicated).

Constraints:

- $1 < n < 10^3$
- $1 \leq \operatorname{nums[i]} \leq n$

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

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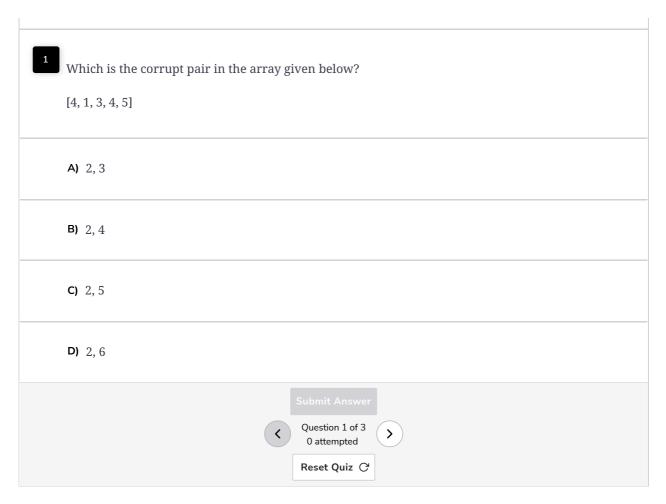
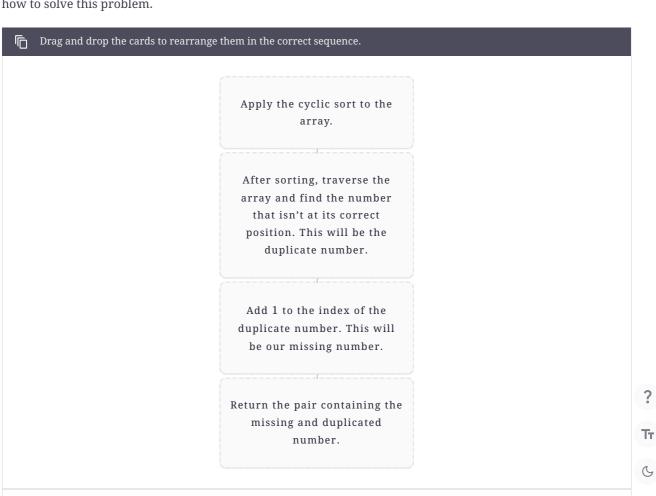


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.



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Try it yourself

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