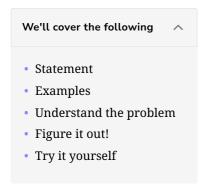


Two Single Numbers

Try to solve the Two Single Numbers problem.



Statement

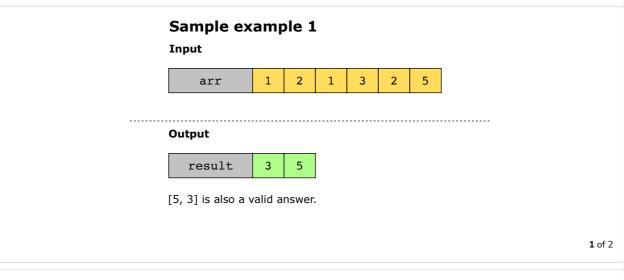
Given a non-empty array arr, in which exactly two elements appear once and all the other elements appear twice, return the two elements that come only once.

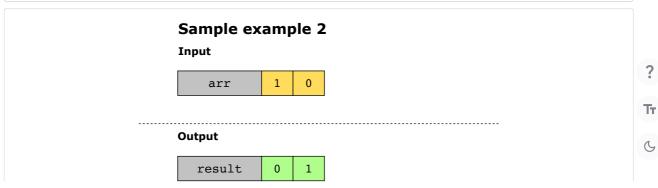
Note: The result can be returned in any order. The solution should use constant space.

Constraints:

- $2 \leq \operatorname{arr.length} \leq 3*10^4$
- $\bullet \ -2^{31} \leq {\tt arr[i]} \leq 2^{31}-1$

Examples





[1, 0] is also a valid answer.

2 of 2

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:

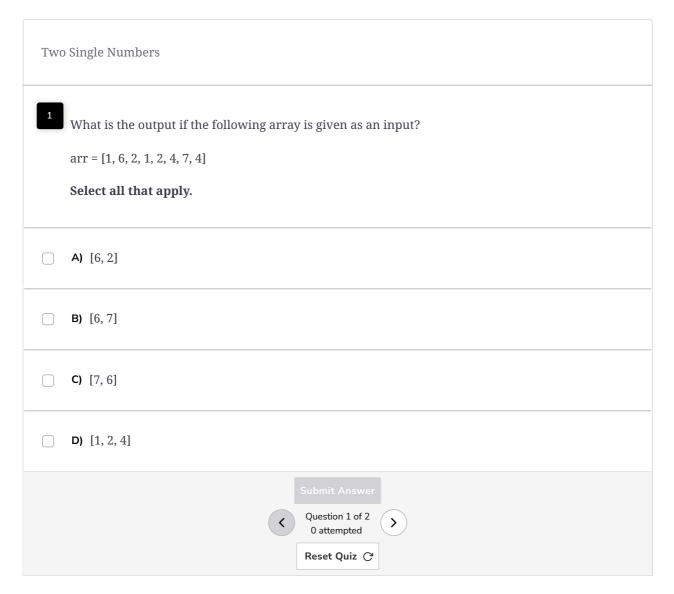
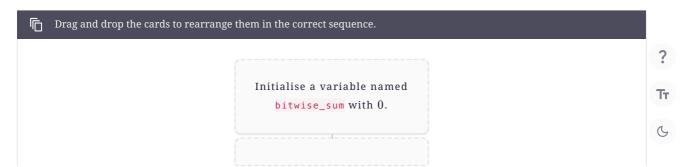
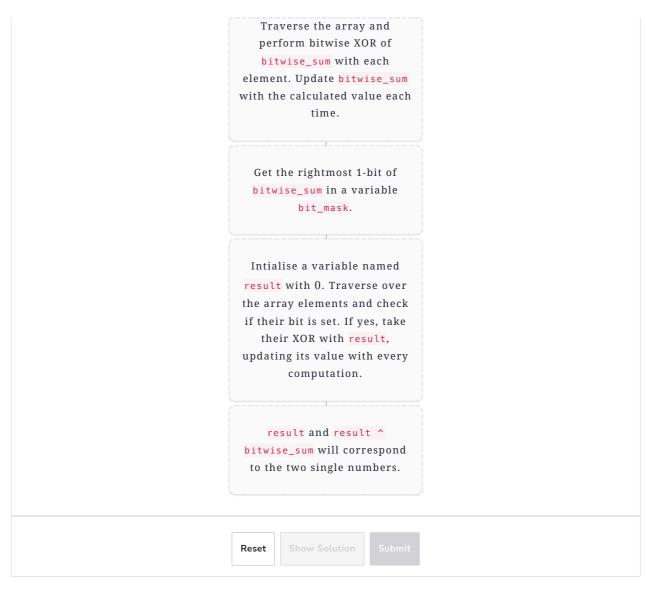


Figure it out!

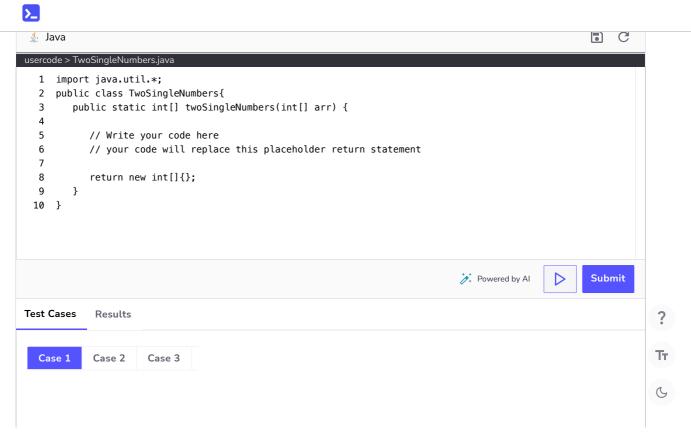
We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.





Try it yourself

 \equiv



[1,2,2,3,3,4]

Two Single Numbers



Next →

Solution: Single Numb...

Solution: Two Single \dots



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