

Description

Solution

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Submissions

Java

4. Median of Two Sorted Arrays

Hard

9947

1527

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Given two sorted arrays `nums1` and `nums2` of size `m` and `n` respectively, return the median of the two sorted arrays.

Example 1:

Input: `nums1 = [1,3]`, `nums2 = [2]`

Output: 2.00000

Explanation: merged array = `[1,2,3]` and median is 2.

Example 2:

Input: `nums1 = [1,2]`, `nums2 = [3,4]`

Output: 2.50000

Explanation: merged array = `[1,2,3,4]` and median is $(2 + 3) / 2 = 2.5$.

Example 3:

Input: `nums1 = [0,0]`, `nums2 = [0,0]`

Output: 0.00000

Example 4:

Input: `nums1 = []`, `nums2 = [1]`

Output: 1.00000

Example 5:

Input: `nums1 = [2]`, `nums2 = []`

Output: 2.00000

Constraints:

- `nums1.length == m`
- `nums2.length == n`

```
1 class Solution {
2     public double findMedianSortedArrays(int[] nums1, int[] nums2) {
3
4     }
5 }
```

Problems

Pick One

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Run Code