

Description

Solution

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Java

Autocomplete

4. Median of Two Sorted Arrays

Hard

7441

1170

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There are two sorted arrays **nums1** and **nums2** of size m and n respectively.

Find the median of the two sorted arrays. The overall run time complexity should be $O(\log(m+n))$.

You may assume **nums1** and **nums2** cannot be both empty.

Example 1:

```
nums1 = [1, 3]
```

```
nums2 = [2]
```

The median is 2.0

Example 2:

```
nums1 = [1, 2]
```

```
nums2 = [3, 4]
```

The median is $(2 + 3)/2 = 2.5$

Accepted 710,542

Submissions 2,402,575

Seen this question in a real interview before?

Yes

No

Contributor

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

Problems

Pick One

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2/275

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Console v

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