

Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays/)

Submission Detail

2094 / 2094 test cases passed.

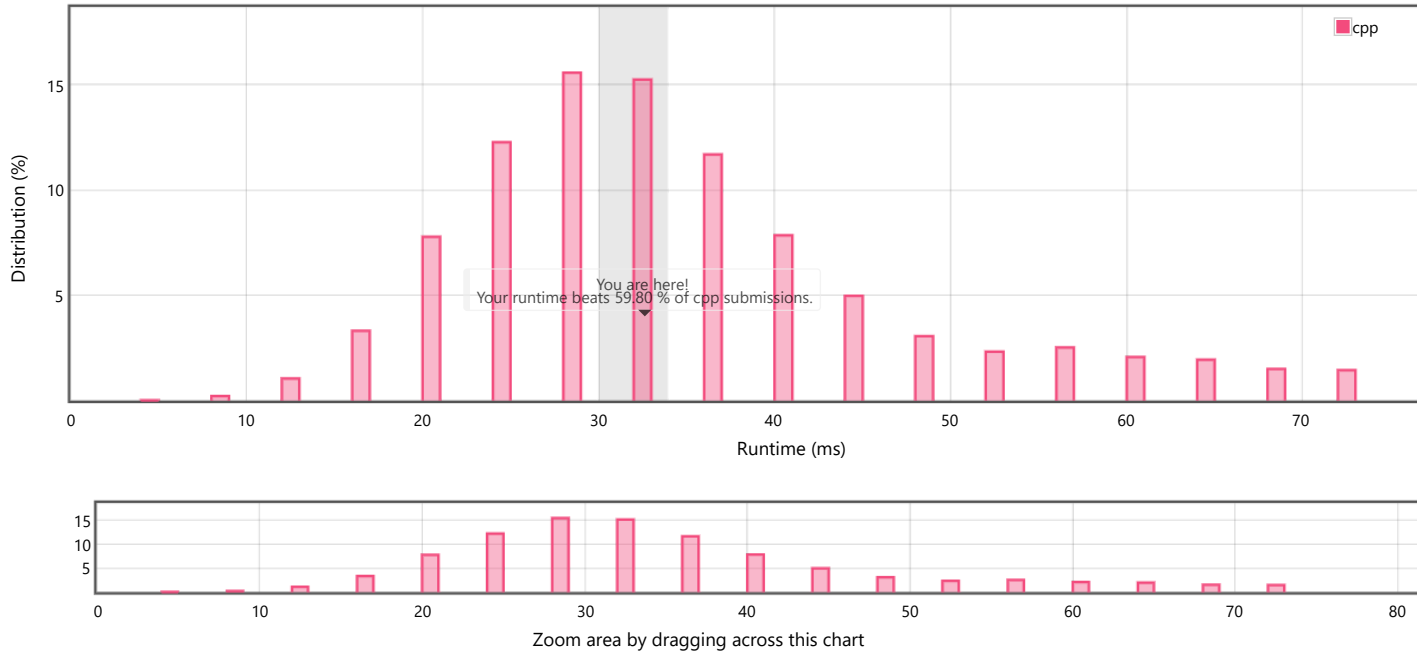
Runtime: **32 ms**

Memory Usage: **90.2 MB**

Status: **Accepted**

Submitted: **1 minute ago**

Accepted Solutions Runtime Distribution



Accepted Solutions Memory Distribution



Invite friends to challenge **Median of Two Sorted Arrays**

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Submitted Code: 1 minute ago

Language: cpp

Edit Code

```
1 class Solution {
2 public:
```

```
3 double findMedianSortedArrays(vector<int>& nums1, vector<int>& nums2) {
4     vector<int> temp;
5
6     //Merge
7     while(!nums1.empty() || !nums2.empty())
8     {
9         if(!nums1.empty() && !nums2.empty())
10        {
11            if(nums2.back() > nums1.back())
12            {
13                temp.push_back(nums2.back());
14                nums2.pop_back();
15            }
16            else
17            {
18                temp.push_back(nums1.back());
19                nums1.pop_back();
20            }
21        }
22        else if(!nums1.empty())
23        {
24            temp.push_back(nums1.back());
25            nums1.pop_back();
26        }
27        else if(!nums2.empty())
28        {
29            temp.push_back(nums2.back());
30            nums2.pop_back();
31        }
32    }
33
34
35    if(temp.size()%2 != 0)
36        return (double) temp[(temp.size())/2];
37    else
38        return (((double) temp[(temp.size())/2] + (double) temp[(temp.size())/2-1])/2);
39 }
40 };
```

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