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

Submission Detail

2084 / 2084 test cases passed.	Status: Accepted
Runtime: **44 ms**	Submitted: **0 minutes ago**
Memory Usage: **21.3 MB**	

Accepted Solutions Runtime Distribution
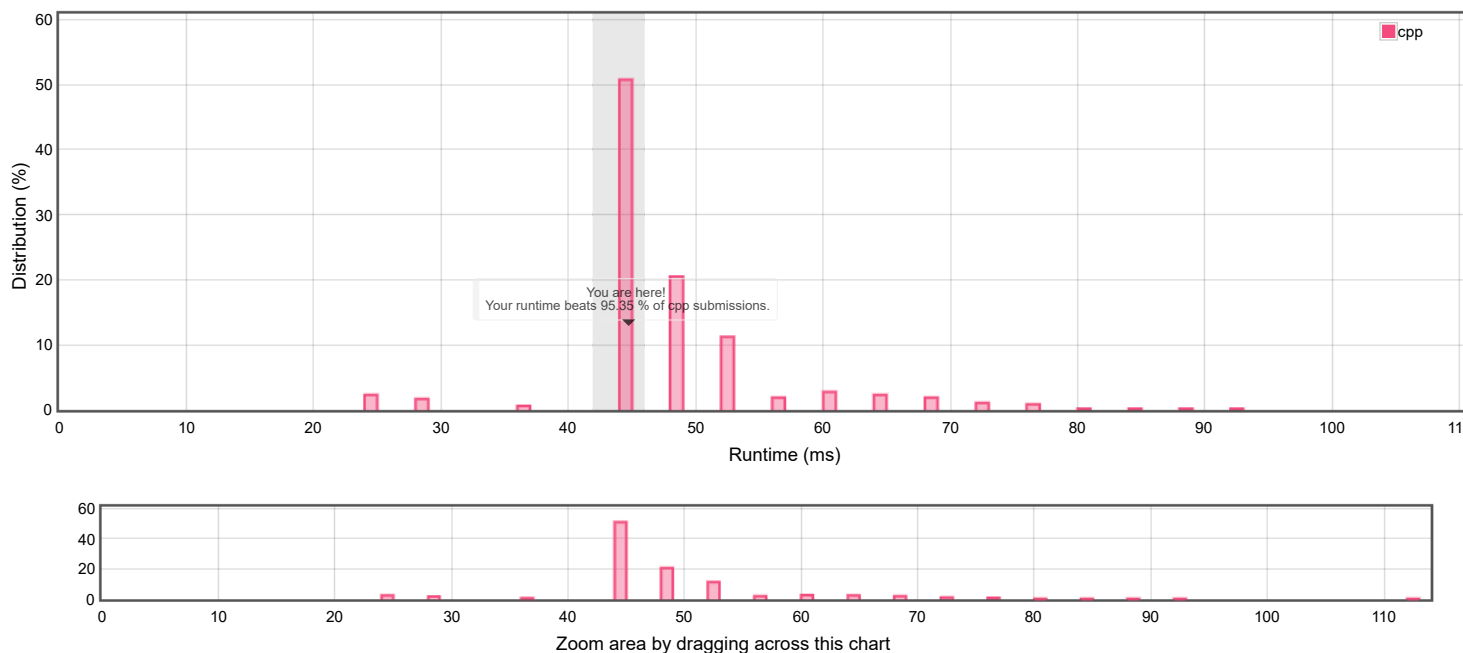
Accepted Solutions Memory Distribution

Sorry. We do not have enough accepted submissions to show distribution chart.

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

◄ **43**

Submitted Code: 0 minutes ago

Language: cpp

Edit Code

```cpp
1  class Solution {
2  public:
3      double findMedianSortedArrays(vector<int>& nums1, vector<int>& nums2) {
4
5          int len1=nums1.size();
6          int len2=nums2.size();
7          int temp=len1+len2;
8          bool even=false;
9          int index=temp/2;
10         int temp2=0;
11         double result=0.0;
12         if(temp%2==0)
13         {
14             even=true;
15         }
16         int i=0;
17         int j=0;
18         for(int k=0; k<=index; k++)
19         {
20
21             if(i<len1 && j<len2)
```

```
22              {
23                  if(nums1[i]<nums2[j])
24                  {
25                      temp2=nums1[i];
26                      i++;
27                  }
28                  else
29                  {
30                      temp2=nums2[j];
31                      j++;
32                  }
33              }
34              else
35              {
36                  if(i==len1 && j<len2)
37                  {
38                      temp2=nums2[j];
39                      j++;
40                  }
41                  else
42                  {
43                      temp2=nums1[i];
44                      i++;
45                  }
46              }
47
48          if(k==index-1 and even)
49          {
50              result=(double)temp2;
51          }
52
53
54          }
55
56          result=result+(double)temp2;
57          if(even)result=result/2;
58          return result;
59
60      }
61  };
```

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