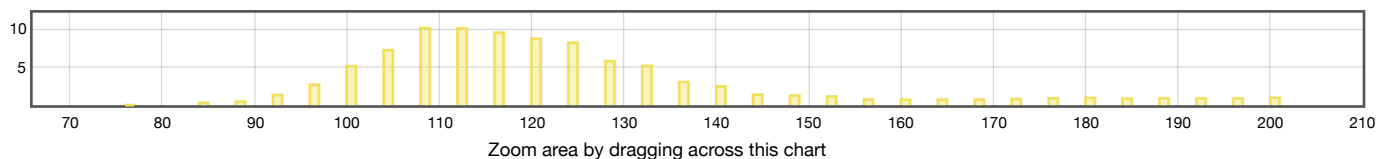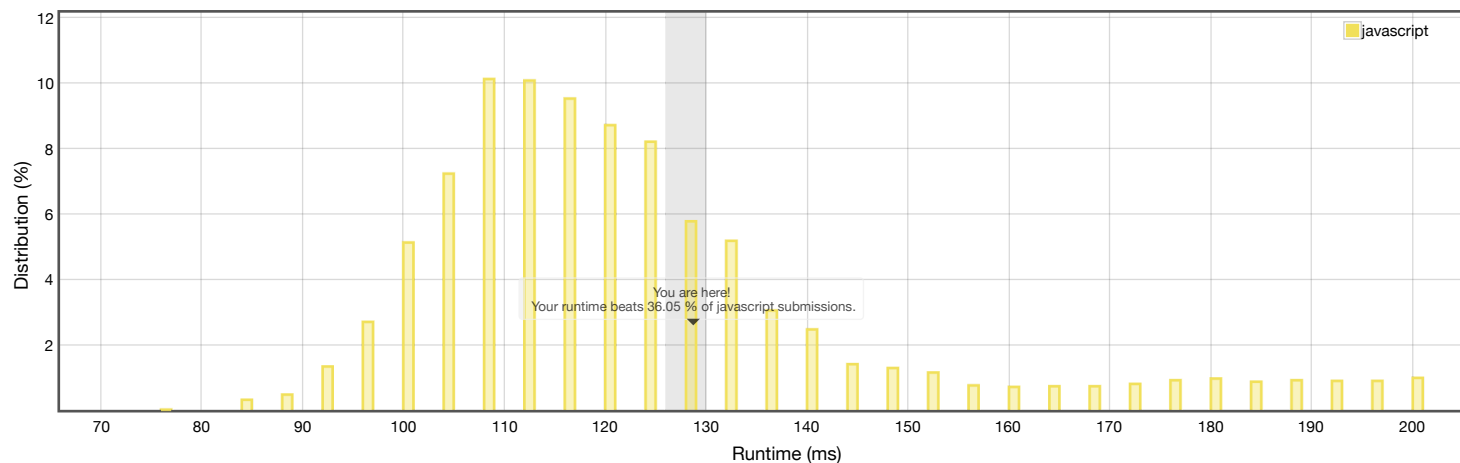## Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays/)

## Submission Detail
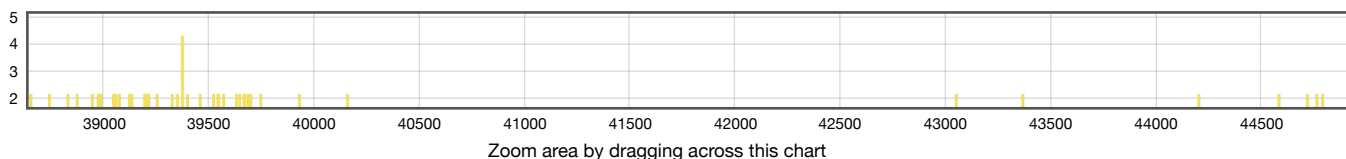
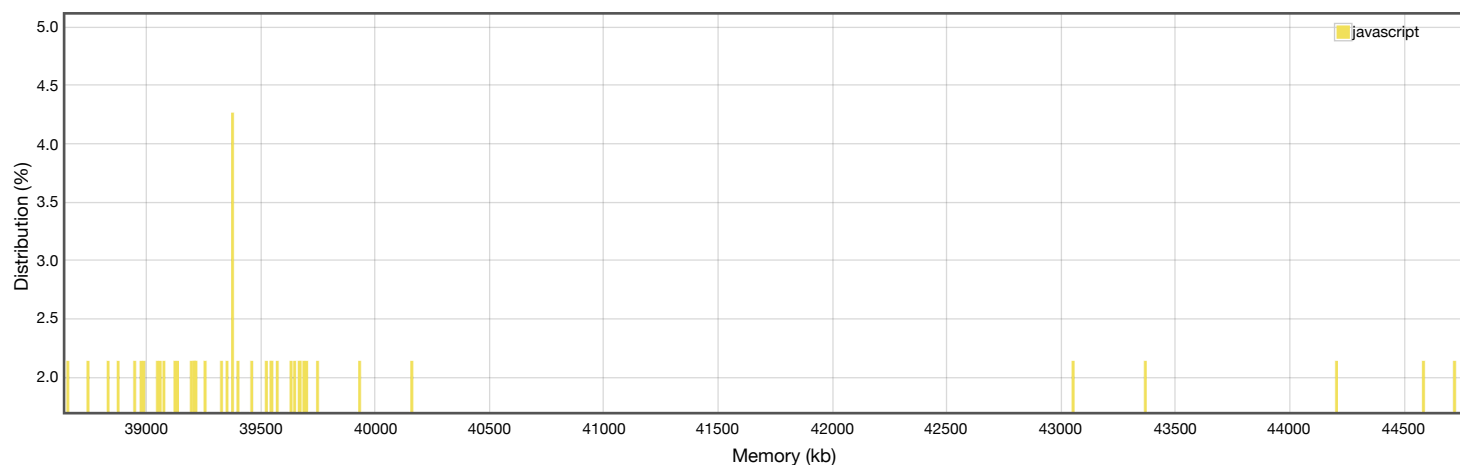**2085 / 2085** test cases passed.

Runtime: **128 ms**
Memory Usage: **39 MB**

Status: **Accepted**

Submitted: **0 minutes ago**

### Accepted Solutions Runtime Distribution



### Accepted Solutions Memory Distribution



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

43

## Submitted Code: 0 minutes ago

Language: javascript

Edit Code

```javascript
 1  /**
 2   * @param {number[]} nums1
 3   * @param {number[]} nums2
 4   * @return {number}
 5   */
 6  var findMedianSortedArrays = function(nums1, nums2) {
 7      // If # of elements is odd, just find the median
 8      // If # is even, find the middle two elements
 9      // Do not sort the entire array
10      let size = nums1.length + nums2.length
11      let medianIndex = []
12      let median = 0;
13      let i = 0
14      let j = 0
15      if(size%2 == 0){
16          medianIndex.push((size/2)-1);
17          medianIndex.push(size/2);
18      }
19      else{
20          medianIndex.push(parseInt(size/2));
21      }
22
23      for(let k=0; k<=parseInt(size/2);k++){
24          let value = -1;
25          if(nums2[j]==undefined||nums1[i]<=nums2[j]){
26              value = nums1[i]
27              i = i+1
28          }
29          else{
30              value = nums2[j]
31              j =j+1
32          }
33          if(medianIndex.includes(i+j-1)){
34              median += value
35          }
36      }
37      return median/medianIndex.length
38  };
```

Back to problem (/problems/median-of-two-sorted-arrays/)