Rank Transform of an Array (/problems/rank-transform-of-an-array/)

Submission Detail

38 / 38 test cases passed.
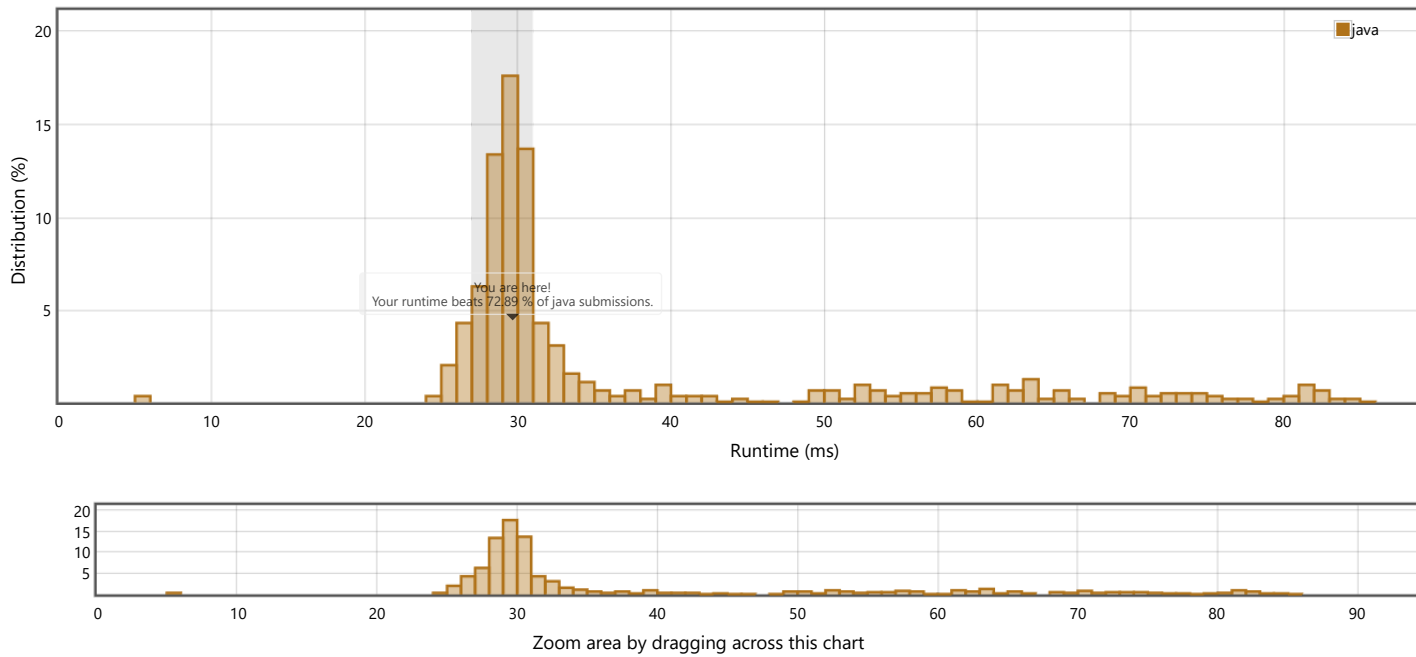
Runtime: **29 ms**
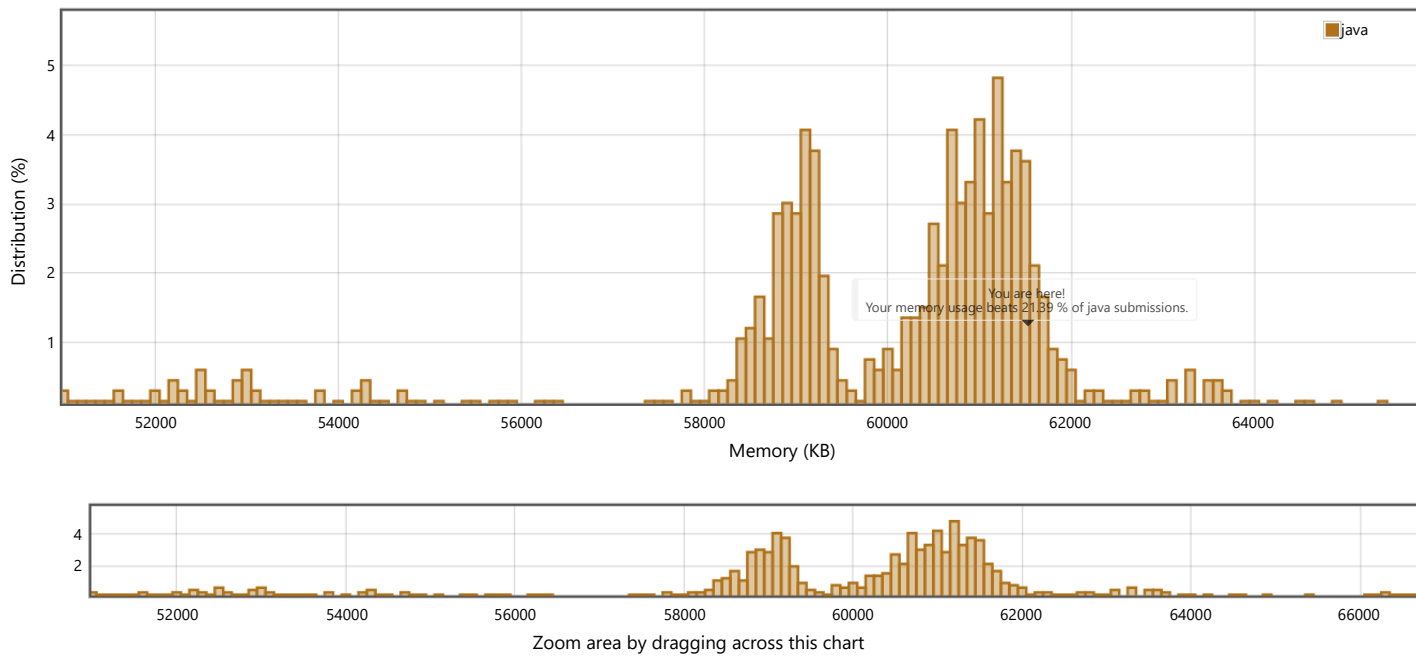Memory Usage: **61.5 MB**

Status: **Accepted**

Submitted: **2 days, 22 hours ago**

Accepted Solutions Runtime Distribution

Accepted Solutions Memory Distribution

Invite friends to challenge **Rank Transform of an Array**

Submitted Code: 2 days, 22 hours ago

Language: java

[Edit Code]

```
1   class Solution {
```

```java
2      public int[] arrayRankTransform(int[] arr) {
3          int[] sortedArr = Arrays.copyOf(arr, arr.length);
4          Arrays.sort(sortedArr);
5
6          Map<Integer, Integer> rankMap = new HashMap<>();
7          int rank = 1;
8          for (int num : sortedArr) {
9              if (!rankMap.containsKey(num)) {
10                 rankMap.put(num, rank++);
11             }
12         }
13
14         int[] result = new int[arr.length];
15         for (int i = 0; i < arr.length; i++) {
16             result[i] = rankMap.get(arr[i]);
17         }
18
19         return result;
20     }
21 }
22
```

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