

Description

Solution

Submissions

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350. Intersection of Two Arrays II

Easy

774

275

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Given two arrays, write a function to compute their intersection.

Example 1:

Input: nums1 = [1,2,2,1], nums2 = [2,2]

Output: [2,2]

Example 2:

Input: nums1 = [4,9,5], nums2 = [9,4,9,8,4]

Output: [4,9]

Note:

- Each element in the result should appear as many times as it shows in both arrays.
- The result can be in any order.

Follow up:

- What if the given array is already sorted? How would you optimize your algorithm?
- What if *nums1*'s size is small compared to *nums2*'s size? Which algorithm is better?
- What if elements of *nums2* are stored on disk, and the memory is limited such that you cannot load all elements into the memory at once?

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Submissions 464,425

Seen this question in a real interview before?

Yes

No

Contributor

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```

40  hashtable2)
41      {
42          //
43          new Hashtable()
44          = new List<int>
45
46          foreach(Dictionary<int, int> hashtable1)
47          {
48              if(hashtable2.ContainsKey(key))
49                  Math.Min(Conver
50                      ue),
51                      Convert.ToByte
52                      ey]]));
53
54          0; i < min; i++
55
56          insectList.Add(item.Key));
57
58      }

```

Testcase

Run Code Result

Finished Runtime: 0ms

Your input

[1,2,2,1]
[2,2]

Output

[2,2]

Expected

[2,2]

Console

How

Problems

Pick One

< Prev

350/1164

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Run Code