

Description

Solution

Submissions

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## 349. Intersection of Two Arrays

Easy

450

863

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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]

### Example 2:

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

Output: [9,4]

### Note:

- Each element in the result must be unique.
- The result can be in any order.

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Yes

No

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```
1 public class Solution
2 {
3     public int[]
Intersection(int[]
nums2)
4     {
5         //
an unordered c
unique element
6         HashSet<int>
hashset1 = new
7         HashSet<int>
hashset2 = new
8         HashSet<int>
9         new HashSet<int>
10         //
value
11         //
retrieval
12         for (int i
nums1)
13             hashset1.Add(
14                 nums1[i]
15             );
16         for (int i
nums2)
17             hashset2.Add(
18                 nums2[i]
19             );
20         List<int> result = new List<int>();
21         foreach (int num in hashset1)
22             if (hashset2.Contains(num))
23                 result.Add(num);
24         return result.ToArray();
25     }
26 }
```

Testcase

Run Code Result

Finished Runtime: 0ms

Your input

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

Output

```
[2]
```

Expected

```
[2]
```

Console

How

Problems

Pick One

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Run Code