2215. Find the Difference of Two Arrays

Hint

Easy 1.6K 59

Companies

Given two **0-indexed** integer arrays `nums1` and `nums2`, return *a list* `answer` *of size* `2` *where:*

- `answer[0]` *is a list of all* ***distinct*** *integers in* `nums1` *which are* ***not*** *present in* `nums2`.
- `answer[1]` *is a list of all* ***distinct*** *integers in* `nums2` *which are* ***not*** *present in* `nums1`.

Note that the integers in the lists may be returned in **any** order.

Example 1:

```
Input: nums1 = [1,2,3], nums2 = [2,4,6]
Output: [[1,3],[4,6]]
Explanation:
For nums1, nums1[1] = 2 is present at index 0 of nums2, whereas nums1[0] =
1 and nums1[2] = 3 are not present in nums2. Therefore, answer[0] = [1,3].
For nums2, nums2[0] = 2 is present at index 1 of nums1, whereas nums2[1] =
4 and nums2[2] = 6 are not present in nums2. Therefore, answer[1] = [4,6].
```

Example 2:

```
Input: nums1 = [1,2,3,3], nums2 = [1,1,2,2]
Output: [[3],[]]
Explanation:
For nums1, nums1[2] and nums1[3] are not present in nums2. Since nums1[2]
== nums1[3], their value is only included once and answer[0] = [3].
Every integer in nums2 is present in nums1. Therefore, answer[1] = [].
```

Constraints:

- `1 <= nums1.length, nums2.length <= 1000`
- `-1000 <= nums1[i], nums2[i] <= 1000`

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