

## 349. Intersection of Two Arrays

Easy

👍 1474

💬 1579

❤️ Add to List

🔗 Share

Given two integer arrays `nums1` and `nums2`, return *an array of their intersection*. Each element in the result must be **unique** and you may return the result in **any order**.

### 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]`

**Explanation:** `[4,9]` is also accepted.

### Constraints:

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

## Related Topics

[Hash Table](#)[Two Pointers](#)[Binary Search](#)[Sort](#)

---

## Similar Questions

[Intersection of Two Arrays II](#)

Easy

[Intersection of Three Sorted Arrays](#)

Easy