


## 349. Intersection of Two Arrays

Solved 

Easy

 Topics

 Companies

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.

```
class Solution {
    func intersection(_ nums1: [Int], _ nums2: [Int]) -> [Int] {
        var set1 = Set(nums1)
        var set2 = Set(nums2)

        return Array(set1.intersection(set2))
    }
}
```