Problem 961: N-Repeated Element in Size 2N Array

Problem Information

Difficulty: Easy
Acceptance Rate: 77.81%
Paid Only: No
Tags: Array, Hash Table

Problem Description

You are given an integer array `nums` with the following properties:

* `nums.length == 2 * n`. * `nums` contains `n + 1` **unique** elements. * Exactly one element of `nums` is repeated `n` times.

Return _the element that is repeated_`n` _times_.

Example 1:

Input: nums = [1,2,3,3] **Output:** 3

Example 2:

Input: nums = [2,1,2,5,3,2] **Output:** 2

Example 3:

Input: nums = [5,1,5,2,5,3,5,4] **Output:** 5

Constraints:

* `2 <= n <= 5000` * `nums.length == 2 * n` * `0 <= nums[i] <= 104` * `nums` contains `n + 1` **unique** elements and one of them is repeated exactly `n` times.

Code Snippets

C++:

```
class Solution {
public:
int repeatedNTimes(vector<int>& nums) {

}
};
```

Java:

```
class Solution {
public int repeatedNTimes(int[] nums) {

}
}
```

Python3:

```
class Solution:
def repeatedNTimes(self, nums: List[int]) -> int:
```