

Description
Accepted
Editorial
Solutions
Submissions

## 961. N-Repeated Element in Size 2N Array

Solved

Easy
Topics
Companies

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`

Problem List
Run
Submit
Premium

Description
Accepted
Editorial
Solutions
Submissions

All Submissions

Accepted
ZhukovIlya submitted at Jun 30, 2024 22:36
Editorial
Solution

Runtime
143 ms
Beats 12.61%
Memory
54.30 MB
Beats 13.45%

100ms
117ms
123ms
128ms
133ms
138ms
144ms
150ms

Code
C#
Auto

```

1 public class Solution {
2     public int RepeatedNTimes(int[] nums) {
3         Dictionary<int, int> count = new Dictionary<int, int>();
4
5         // Подсчитываем количество вхождений каждого элемента
6         foreach (int num in nums) {
7             if (count.ContainsKey(num)) {
8                 count[num]++;
9             } else {
10                 count[num] = 1;
11             }
12         }
13     }
14 }

```

Testcase
Test Result

Accepted
Runtime: 76 ms

Case 1
Case 2
Case 3

Input
nums = [1,2,3,3]

Output
3

Expected

Код:

```

using System.Collections.Generic;

public class Solution
{
    public int RepeatedNTimes(int[] nums)

```

```

{
    Dictionary<int, int> count = new Dictionary<int, int>();

    // Подсчитываем количество вхождений каждого элемента
    foreach (int num in nums)
    {
        if (count.ContainsKey(num))
        {
            count[num]++;
        }
        else
        {
            count[num] = 1;
        }
    }

    // Находим элемент, который встречается n раз
    foreach (KeyValuePair<int, int> pair in count)
    {
        if (pair.Value == nums.Length / 2)
        {
            return pair.Key;
        }
    }

    // Если такой элемент не найден (это должно быть невозможно по условиям
    задачи), возвращаем -1
    return -1;
}
}

```