

# Problem 3038: Maximum Number of Operations With the Same Score I

## Problem Information

Difficulty: Easy

Acceptance Rate: 52.46%

Paid Only: No

Tags: Array, Simulation

## Problem Description

You are given an array of integers `nums`. Consider the following operation:

\* Delete the first two elements `nums` and define the `_score_` of the operation as the sum of these two elements.

You can perform this operation until `nums` contains fewer than two elements. Additionally, the **same** `_score_` must be achieved in **all** operations.

Return the **maximum** number of operations you can perform.

**Example 1:**

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

**Output:** 2

**Explanation:**

\* We can perform the first operation with the score `3 + 2 = 5`. After this operation, `nums = [1,4,5]`. \* We can perform the second operation as its score is `4 + 1 = 5`, the same as the previous operation. After this operation, `nums = [5]`. \* As there are fewer than two elements, we can't perform more operations.

**Example 2:**

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

**Output:** `2`

**Explanation:**

\* We can perform the first operation with the score `1 + 5 = 6`. After this operation, `nums = [3,3,4,1,3,2,2,3]`. \* We can perform the second operation as its score is `3 + 3 = 6`, the same as the previous operation. After this operation, `nums = [4,1,3,2,2,3]`. \* We cannot perform the next operation as its score is `4 + 1 = 5`, which is different from the previous scores.

**Example 3:**

**Input:** `nums = [5,3]`

**Output:** `1`

**Constraints:**

`2 <= nums.length <= 100` \* `1 <= nums[i] <= 1000`

## Code Snippets

### C++:

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

    }
};
```

### Java:

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

    }
}
```

**Python3:**

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