

6169. Longest Nice Subarray

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You are given an array `nums` consisting of **positive** integers.

We call a subarray of `nums` **nice** if the bitwise **AND** of every pair of elements that are in **different** positions in the subarray is equal to `0`.

Return the length of the **longest** nice subarray.

A **subarray** is a **contiguous** part of an array.

Note that subarrays of length `1` are always considered nice.

User Accepted:	3
User Tried:	4
Total Accepted:	3
Total Submissions:	4
Difficulty:	Medium

Example 1:

Input: `nums = [1,3,8,48,10]`
Output: `3`
Explanation: The longest nice subarray is `[3,8,48]`. This subarray satisfies the conditions:
- `3 AND 8 = 0`.
- `3 AND 48 = 0`.
- `8 AND 48 = 0`.
It can be proven that no longer nice subarray can be obtained, so we return `3`.

Example 2:

Input: `nums = [3,1,5,11,13]`
Output: `1`
Explanation: The length of the longest nice subarray is `1`. Any subarray of length `1` can be chosen.

Constraints:

- `1 <= nums.length <= 105`
- `1 <= nums[i] <= 109`

JavaScript

📄 ↺ ⚙️


```
1 const longestNiceSubarray = (a) => {
2   let n = a.length, res = 1;
3   for (let i = 0; i < n; i++) {
4     let cur = a[i];
5     for (let j = i + 1; j < n && ((cur & a[j]) == 0); j++) {
6       cur |= a[j];
7       res = Math.max(res, j - i + 1);
8     }
9   }
10  return res;
11 };
```

☐ Custom Testcase

Use Example Testcases

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