

LeetCode

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Introduction

In this chapter, we'll begin by looking at the basics of arrays.

Array - A DVD box?

What Is an Array?

Accessing Elements in Arrays

Array Capacity VS Length

Max Consecutive Ones

Find Numbers with Even N...

Squares of a Sorted Array

Inserting Items Into an Array

Deleting Items From an Array

Searching for Items in an Array

In-Place Operations

Max Consecutive Ones

Solution

Given a binary array, find the maximum number of consecutive 1s in this array.

Example 1:

Input: [1,1,0,1,1,1]
Output: 3
Explanation: The first two digits or the last three digits are consecutive 1s. The maximum number of consecutive 1s is 3.

Note:

- The input array will only contain 0 and 1.
- The length of input array is a positive integer and will not exceed 10,000

Show Hint #1

Python3

```
1 class Solution:
2     def findMaxConsecutiveOnes(self, nums: List[int]) -> int:
3         output = 0
4         max_output = 0
5         for i in nums:
6             if i==1:
7                 output = output+1
8
9             if i==0:
10                output =0
11
12
13                if max_output < output:
14                    max_output = output
15
16            return max_output
```

Custom Testcase (Contribute)

Run Code

Submit

Submission Result: Accepted

More Details

Share your acceptance!

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