LeetCode 485: Max Consecutive Ones

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Here I presented a pseudo-code to solve the 485th question of LeetCode: Max Consecutive Ones.

The description of this question is that given a binary array `nums`, return the maximum number of consecutive 1's in the array.

The constranits of this question are as follows:

(a) $1 \leq$ `nums`.length $\leq 10^5$.

(b) `nums`[i] is either 0 or 1.

For more information about this question, click on the following link: Max Consecutive Ones or go to the next url: https://leetcode.com/problems/max-consecutive-ones/.

The pseudo-code is in the following page.

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Algorithm 1: Max Consecutive Ones

Input: int& nums
Output: int ans

```
1  count ← 0;
2  result ← 0;
3  ans ← 0;
4  size ← length(nums);
5  if size == 0 then
6  |  return ans;                                   /* ans = 0 */
7  else
8  |  i ← 0;
9  |  while i < size do
10 |  |  if nums[i] == 1 then
11 |  |  |  count ← count + 1;
12 |  |  else
13 |  |  |  result ← max(result, count);
14 |  |  |  count ← 0;
15 |  |  end
16 |  end
17 |  ans ← max(result, count);
18 |  return ans;
19 end
```