487. Max Consecutive Ones II

Medium 1295 23 Add to List Share

Given a binary array `nums` , return *the maximum number of consecutive* `1` *'s in the array if you can flip at most o* `0` .

Example 1:

```
Input: nums = [1,0,1,1,0]
Output: 4
Explanation:
- If we flip the first zero, nums becomes [1,1,1,1,0] and we have 4 consecutive ones.
- If we flip the second zero, nums becomes [1,0,1,1,1] and we have 3 consecutive ones.
The max number of consecutive ones is 4.
```

Example 2:

```
Input: nums = [1,0,1,1,0,1]
Output: 4
Explanation:
- If we flip the first zero, nums becomes [1,1,1,1,0,1] and we have 4 consecutive ones.
- If we flip the second zero, nums becomes [1,0,1,1,1,1] and we have 4 consecutive ones.
The max number of consecutive ones is 4.
```

Constraints:

- `1 <= nums.length <= 10^5`
- `nums[i]` is either `0` or `1` .

Follow up: What if the input numbers come in one by one as an infinite stream? In other words, you can't store a numbers coming from the stream as it's too large to hold in memory. Could you solve it efficiently?

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