

/*Given a sorted array, remove the duplicates in-place such that each element appear only once and return the new length.

Do not allocate extra space for another array, you must do this by modifying the input array in-place with $O(1)$ extra memory.

Example:

Given nums = [1,1,2],

Your function should return length = 2, with the first two elements of nums being 1 and 2 respectively. It doesn't matter what you leave beyond the new length.*/

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- 思想：
- (1) 双指针思想：双指针思想，一个慢指针指向要写的位置，一个快指针指向读的位置（for循环中的变量），当快指针指向的内容和慢指针指向的内容不相等时，写入当前值并移动快指针