Array #4

Leetcode #1089

Duplicate Zeros

https://leetcode.com/problems/duplicate-zeros/description/

Given a fixed length integer array arr, duplicate each occurence of zero, shifting the remaining elements to the right

NOTE that elements beyond the length of the <u>original array</u> are not written, Do the above modifications to the input array in place and do not return anything

Example 1:

Input: arr = [1, 0, 2, 3, 0, 4 5, 0] Output: [1, 0, 0, 2, 3, 0, 0, 4]

Example 2:

Input: arr = [1, 2, 3] Output: [1, 2, 3]

Constraints:

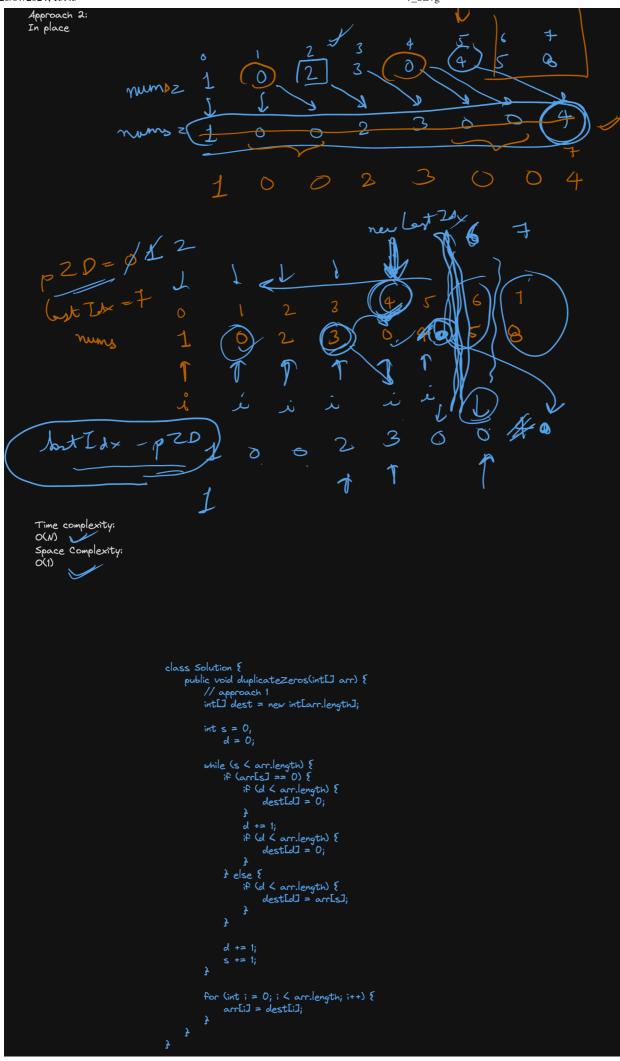
1 <= arr.length <= 10^4 0 <= arr[i] <= 9

Companies: Amazon, Google

Approach 1: Destination array Source array



Time complexity: O(N) Space Complexity: O(N) 20/07/2024, 15:43 7_8.svg



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