**Justin\_Array\_TwoPointers\_Sort\_0075.**  **Sort Colors**

**Concept:**

建一個 hash table 紀錄 0 1 2 出現的次數

最後一一在 nums 上直接修改

# in-place al. ==> 直接修改

**Code:**

class Solution:

def sortColors(self, nums: List[int]) -> None:

"""

Do not return anything, modify nums in-place instead.

"""

index = [0, 1, 2]

count = [0, 0, 0]

for i in range(len(nums)):

if nums[i] == 0:

count[0] += 1

elif nums[i] == 1:

count[1] += 1

elif nums[i] == 2:

count[2] += 1

for j in range(len(nums)):

if count[0] != 0:

nums[j] = 0

count[0] -= 1

continue

if count[1] != 0:

nums[j] = 1

count[1] -= 1

continue

if count[2] != 0:

nums[j] = 2

count[2] -= 1

continue