

## **Experiment 5**

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**Branch: CSE** 

Semester: 6th

**Subject Name: Advanced Programming - 2** 

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Date of Performance: 20/2/25

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## Ques 1:

**Aim: sort colors** 

## Code:

```
class Solution:
def sortColors(self, nums: List[int]) -> None:
    i, j, k = -1, len(nums), 0
    while k < j:
    if nums[k] == 0:
    i += 1
    nums[i], nums[k] = nums[k], nums[i]
    k += 1
    elif nums[k] == 2:
    j -= 1
    nums[j], nums[k] = nums[k], nums[j]
    else:
    k += 1
```

## **Submission Screenshot:**

