46) Sort Colors Given an array nums with n objects colored red, white, or blue, sort them in-place so that objects of the same color are adjacent, with the colors in the order red, white, and blue. We will use the integers 0, 1, and 2 to represent the color red, white, and blue, respectively. You must solve this problem without using the library's

```
C\WINDOWS\system32\cmd. \times + \times \ [1, 2, 3, 4, 5] \ Press any key to continue . . . |
```

TIME COMPLEXITY : $O(n^2)$

OUTPUT: