SORT COLOR LeetCode Problem NO 75 Solution

class Solution {

public void sortColors(int[] nums) {

int count0=0;

int count1=0;

int count2=0;

for(int i=0;i<nums.length;i++){

if(nums[i]==0){

count0++;

}if(nums[i]==1){

count1++;

}

if(nums[i]==2){

count2++;

}

}

for(int i=0;i<count0;i++){

nums[i]=0;

}

for(int i=count0;i<count0+count1;i++){

nums[i]=1;

}

for(int i=count0+count1;i<count0+count1+count2;i++){

nums[i]=2;

}

}}