/\*\*

\* @param {number[]} nums

\* @return {void} Do not return anything, modify nums in-place instead.

\*/

var sortColors = function(nums) {

if(nums.length<=1)

return nums

let left = 0,right =nums.length-1,temp = 0;

while(left<right)

{

if(nums[left]>nums[right])//1 0 or 2 1 or 2 0

{

temp = nums[left];

nums[left] = nums[right];

nums[right] = temp;

if(nums[right] === 2)

right--;

else if(nums[right] === 1)

left++;

}

else if(nums[left]<nums[right])// 0 1 or 1 2 or 0 2

{

if(nums[left] === 0)//左端固定

left++;

else if(nums[left] === 1)// right = 2 右端固定

right--;

}

else // 0 0 or 1 1 or 2 2

{

if(nums[left] === 0)

left++;

else if(nums[left] === 1)

{

}

else if(nums[left] === 2)

right--;

}

// console.log(nums,left,right)

}

};

/\*\*

\* @param {number[]} nums

\* @return {void} Do not return anything, modify nums in-place instead.

\*/

var sortColors = function(nums) {

if(nums.length<=1)

return nums

let left = 0,right =nums.length-1,temp = 0,index = 0;

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

{

console.log(nums,i,left,right);

if(i>right)

break;

if(nums[i] === 0)

{

temp = nums[left];

nums[left] = nums[i];

nums[i] = temp;

left++;

}

else if(nums[i] === 1)

{

}

else

{

temp = nums[right];

nums[right] = nums[i];

nums[i] = temp;

right--;

}

}

};