Problem Link:

<https://leetcode.com/problems/sort-colors/?envType=daily-question&envId=2025-05-17>

Solution:

class Solution {

public:

void sortColors(vector<int>& nums) {

int l = 0, m = 0, h = nums.size() - 1;

while(m <= h)

{

if(nums[m] == 0)

{

swap(nums[l++], nums[m++]);

}

else if(nums[m] == 1)

{

m++;

}

else

{

swap(nums[m], nums[h--]);

}

}

}

};