public class MoveZeroes {

public static void moveZeroes(int[] nums) {

int n = nums.length;

int i = 0;

for (int num : nums) {

if (num != 0) {

nums[i] = num;

i++;

}

}

while (i < n) {

nums[i] = 0;

i++;

}

}

public static void main(String[] args) {

int[] nums1 = {0, 1, 0, 3, 12};

moveZeroes(nums1);

System.out.println(Arrays.toString(nums1)); // Output: [1, 3, 12, 0, 0]

int[] nums2 = {0};

moveZeroes(nums2);

System.out.println(Arrays.toString(nums2));

}

}