# 315. Count the Smaller Number After Self

Given an integer array nums, return *an integer array* counts *where* counts[i] *is the number of smaller elements to the right of* nums[i].

**Example 1:**

**Input:** nums = [5,2,6,1]

**Output:** [2,1,1,0]

**Explanation:**

To the right of 5 there are **2** smaller elements (2 and 1).

To the right of 2 there is only **1** smaller element (1).

To the right of 6 there is **1** smaller element (1).

To the right of 1 there is **0** smaller element.

**Example 2:**

**Input:** nums = [-1]

**Output:** [0]

**Example 3:**

**Input:** nums = [-1,-1]

**Output:** [0,0]

**Constraints:**

- 1 <= nums.length <= $10^5$
- $-10^4$ <= nums[i] <= $10^4$