

## Problem Statement 20

### Median of Two Sorted Arrays

Given two sorted arrays `nums1` and `nums2`, return the median of the two sorted arrays.

Example:

Input: `nums1 = [1,3]`, `nums2 = [2]`

Output: 2.0

### Count of Smaller Numbers After Self

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

Example:

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

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