**88. Merge Sorted Array**

Easy

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Given two sorted integer arrays nums1 and nums2, merge nums2 into nums1 as one sorted array.

The number of elements initialized in nums1 and nums2 are m and n respectively. You may assume that nums1 has enough space (size that is equal to m + n) to hold additional elements from nums2.

**Example 1:**

**Input:** nums1 = [1,2,3,0,0,0], m = 3, nums2 = [2,5,6], n = 3

**Output:** [1,2,2,3,5,6]

**Example 2:**

**Input:** nums1 = [1], m = 1, nums2 = [], n = 0

**Output:** [1]

**Constraints:**

* 0 <= n, m <= 200
* 1 <= n + m <= 200
* nums1.length == m + n
* nums2.length == n
* -109 <= nums1[i], nums2[i] <= 109