LeetCode

Day-08 Q-02: Merge Sorted Array

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

Note:

- 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:

```
Input:

nums1 = [1,2,3,0,0,0], m = 3

nums2 = [2,5,6],        n = 3



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

Constraints:

- -10^9 <= nums1[i], nums2[i] <= 10^9
- nums1.length == m + n
- nums2.length == n