# Merge Sorted Array (Level = Easy)

You are given two sorted arrays nums1 & nums2 such that they only have positive integers (greater than 0). Nums1 has additional space denoted by value 0 such that all the elements in nums2 can be stored in num1 along with existing numbers as seen in example. Use those extra space (0s) and merge both arrays such that nums1 has elements from both arrays in sorted order

Examples

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| **No.** | **Input** | **Output** |
| 1 | Nums1={1,3,5,0,0,0,0,0} Len1=**3**  Nums2={2,4,6,8,10} Len2=**5** | Nums1={1,2,3,4,5,6,7,8} |
| 2 | Nums1={11,12,0,0,0,0,0} Len1=**2**  Nums2={2,4,6,8,10} Len2=**5** | Nums1={2,4,6,8,10,11,12} |