Description | Editorial | Solutions | Submissions | ⟳ Accepted ✕

spjh14512
Sep 16, 2023 16:57

Def

Python3

Runtime **37 ms**   Beats **92.98%**   Memory **16.3 MB**

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```python
class Solution:
    def merge(self, nums1: List[int], m: int, nums2: List[int], n: int) -> None:
        """
        Do not return anything, modify nums1 in-place instead.
        """
        temp = nums1[:m]
        p = 0
        q = 0
        r = 0

        while p < m and q < n:
            if temp[p] < nums2[q]:
                nums1[r] = temp[p]
                p += 1
                r += 1
            else:
                nums1[r] = nums2[q]
                q += 1
                r += 1

        while p < m:
            nums1[r] = temp[p]
            p += 1
            r += 1
        while q < n:
            nums1[r] = nums2[q]
            q += 1
            r += 1
```