@LeetCode

Given two arrays of length `m` and `n` with digits `0-9` representing two numbers. Create the maximum number of length `k <= m + n` from digits of the two. The relative order of the digits from the same array must be preserved. Return an array of the `k` digits.

Note: You should try to optimize your time and space complexity.

Example 1:

`Input:`

`nums1 = [3, 4, 6, 5]`

`nums2 = [9, 1, 2, 5, 8, 3]`

`k = 5`

`Output:`

`[9, 8, 6, 5, 3]`

Example 2:

`Input:`

`nums1 = [6, 7]`

`nums2 = [6, 0, 4]`

`k = 5`

`Output:`

`[6, 7, 6, 0, 4]`

Example 3:

`Input:`

`nums1 = [3, 9]`

`nums2 = [8, 9]`

`k = 3`

`Output:`

```
[9, 8, 9]
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