

## **321. Create Maximum Number**

- You are given two integer arrays `nums1` and `nums2` of lengths `m` and `n` respectively. `nums1` and `nums2` represent the digits of two numbers. You are also given an integer `k`.
- Create the maximum number of length `k ≤ m + n` from digits of the two numbers. The relative order of the digits from the same array must be preserved.
- Return an array of the `k` digits representing the answer.

### **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]`

### **Constraints:**

- `m == nums1.length`
- `n == nums2.length`
- `1 ≤ m, n ≤ 500`
- `0 ≤ nums1[i], nums2[i] ≤ 9`
- `1 ≤ k ≤ m + n`