127 . You are given two integer arrays nums1 and nums2 of sizes n and m, respectively. Calculate the following values: answer1 : the number of indices i such that nums1[i] exists in nums2. answer2 : the number of indices i such that nums2[i] exists in nums1 Return [answer1,answer2].

Example 1:
Input: nums1 = [2,3,2], nums2 = [1,2]
Output: [2,1]

AIM: To calculating the indices of nums

PROGRAM:

```
def calculate_indices_counts(nums1, nums2):
    set1 = set(nums1)
    set2 = set(nums2)

    answer1 = sum(1 for num in nums1 if num in set2)
    answer2 = sum(1 for num in nums2 if num in set1)

    return [answer1, answer2]

nums1 = [2, 3, 2]
nums2 = [1, 2]
print(calculate_indices_counts(nums1, nums2))
```

OUTPUT:

```
[2, 1]
```

TIME COMPLEXITY: O(n+m)