

1122. Relative Sort Array

Given two arrays `arr1` and `arr2`, the elements of `arr2` are distinct, and all elements in `arr2` are also in `arr1`.

Sort the elements of `arr1` such that the relative ordering of items in `arr1` are the same as in `arr2`. Elements that don't appear in `arr2` should be placed at the end of `arr1` in **ascending** order.

Example 1:

Input: `arr1 = [2,3,1,3,2,4,6,7,9,2,19]`, `arr2 = [2,1,4,3,9,6]`

Output: `[2,2,2,1,4,3,3,9,6,7,19]`

```
def relativeSortArray(self, arr1: List[int], arr2: List[int]) ->
    List[int]:
    res = []
    cnt = collections.Counter(arr1)
    for ele in arr2:
        if ele in cnt:
            res = res+[ele]*cnt[ele]
            del cnt[ele]

    for key in sorted(cnt.keys()):
        res = res+[key]*cnt[key]
    return res
```