**Problem #1122: Relative Sort Array. (Easy)**

<https://leetcode.com/problems/relative-sort-array/description/>

**My Solution:**

1. From collections import Counter
2. Use Counter on arr1 to create mydict, a dictionary having frequency as its value.
3. Initialize res to an empty list.
4. Iterate through the elements in arr2.
5. Append to res the element as many times as the frequency in mydict.

Then delete that entry in mydict.

1. Iterate through the keys in mydict where the keys are sorted in ascending order.

For each entry in the keys, append to res the key as many times as its frequency in mydict.

1. Finally return res.

from collections import Counter

class Solution:

def relativeSortArray(self, arr1: List[int], arr2: List[int]) -> List[int]:

mydict = Counter(arr1)

res = [] # initialize res to an empty array to store the result

for num in arr2:

res += [num] \* (mydict[num])

del mydict[num]

keys = mydict.keys()

#print("keys = ", keys)

for key in sorted(mydict.keys()):

res += [key] \* (mydict[key])

return res