Problem:

Given two integer arrays Arr1 and Arr2 of size N. Use the greatest elements from the given arrays to create a new array of size N such that it consists of only unique elements and the sum of all its elements is maximum.

The created elements should contain the elements of Arr2 followed by elements of Arr1 in order of their appearance.

Example:

Input:

```
N = 5
Arr1 = \{7, 4, 8, 0, 1\}
Arr2 = \{9, 7, 2, 3, 6\}
```

Output:

```
9 7 6 4 8
```

Explaination:

```
9, 7, 6 are from 2nd array and 4, 8 from 1st array.
```

Approach:

→ here first we will add all elements in set and then traverse the set from the backwards because it will be sorted so last elements will be big. So we will mark them taken as True and also we will make one count variable because we will only mark n variables from last as taken.

Code will look like this:

→ Now we will traverse both arrays and we will add the elements in ans array which are marked as taken

we know that if for any elem, mp[elem] is true then it means it's marked as taken.

```
if(it ≠ mp.end() & it→second){
    ans.push_back(arr1[i]);
    it→second = false;
}
```

At last we will return ans