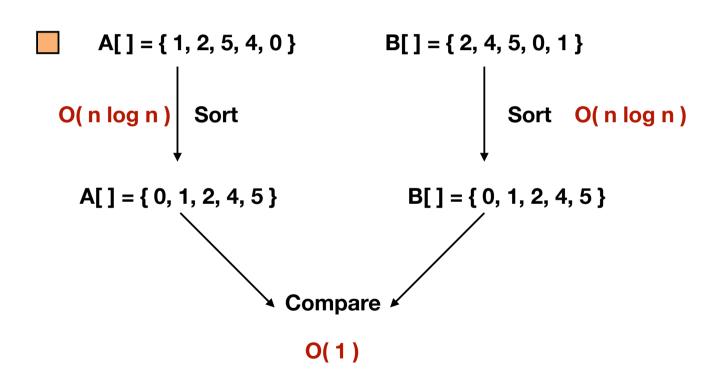
- Check if two arrays are equal or not
- Given two arrays A and B of equal size N
- Example 1:

```
Input:
N = 5
A[] = {1,2,5,4,0}
B[] = {2,4,5,0,1}
Output: 1
Explanation: Both the array can be rearranged to {0,1,2,4,5}
```

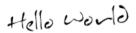
- Check if two arrays are equal or not
- Now, our general Approach is like sort and Compare



Logics

Iterate all elements in unordered_map

because, in question it is mention that, Number of elements are equal



Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

$$I = 0$$
 Key = 2

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

umap =

$$I = 0$$
 Key = 2

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

$$I = 1$$
 Key = 4

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

umap =

$$I = 1$$
 Key = 4

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

$$I = 2$$
 Key = 5

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

Now, Iterate elements in B[]

And if we found element then Decrease it's count

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

umap =

$$I = 3$$
 Key = 0

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

$$I = 3$$

$$Key = 0$$

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

Now, Iterate elements in B[]

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

Now, Iterate elements in B[]

And if we found element then Decrease it's count

$$I = 4$$
 Ke

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

Now, Iterate elements in B[]

And if we found element then Decrease it's count

$$I = 5$$

Logics

Iterate all elements in unordered_map

$$B[] = {2, 4, 5, 0, 1, 2}$$

umap =

Now, Iterate elements in B[]

And if we found element then Decrease it's count

$$I = 5$$

$$Key = 2$$



This is the right method