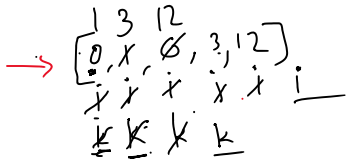
Lec19

16 February 2026 02:08 PM



[1,3,12,0,0]

k = index - non-zero

i = pickup element from 0th index to n-1

k = 0

i = 0

0 != 0

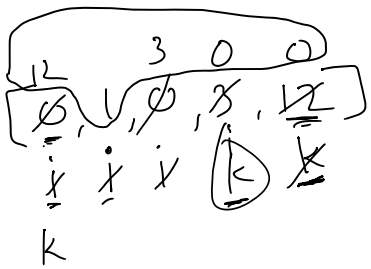
1 != 0

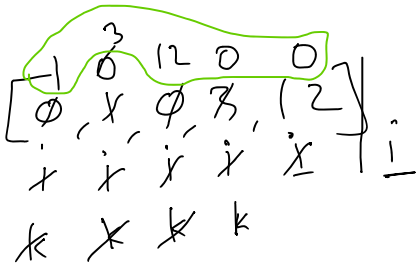
0 != 0

3 != 0

12 != 0

```
k = 0
for(i=0; i< nums.length; i++){
    if(nums[i] != 0){
        nums[k] = nums[i];
        k++;
    }
}
while(k<nums.length){
    nums[k] = 0;
    k++
}
```



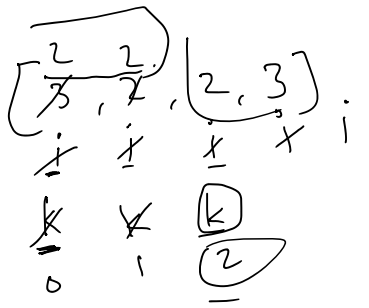


[3,2,2,3], val = 3

[3, 2, 2, 3], val = 3

[2, 2]

[3, 2, 2, 3], val = 3



[1, 2, 3, 1]

[1, 2, 2, 3] 0

```
Arrays.sort(nums)

for (i=0 ; i<nums.length-1; i++){
    if(nums[i] == nums[i+1]){
        return true
    }
}
return false
```