



Description

Solution

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i C#

## 1481. Least Number of Unique Integers after K Removals

Medium

727

60

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Given an array of integers `arr` and an integer `k`. Find the *least number of unique integers* after removing **exactly** `k` elements.

### Example 1:

**Input:** `arr = [5,5,4], k = 1`

**Output:** 1

**Explanation:** Remove the single 4, only 5 is left.

### Example 2:

**Input:** `arr = [4,3,1,1,3,3,2], k = 3`

**Output:** 2

**Explanation:** Remove 4, 2 and either one of the two 1s or three 3s. 1 and 3 will be left.

### Constraints:

- $1 \leq \text{arr.length} \leq 10^5$
- $1 \leq \text{arr}[i] \leq 10^9$
- $0 \leq k \leq \text{arr.length}$

Accepted 61,209

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Yes

No

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```
1 public class Solution {
2     public int
    FindLeastNumOfUniqueInts(
        arr, int k) {
3         var dict = new
        Dictionary<int, int>();
4         for(int i=0; i
        arr.Length; i++)
5             {
6
7                 if(dict.ContainsKey(ar
8                     {
9                         dict[ar
10                    }
11                else{
12                    dict.Ad
13                1);
14            }
15
16            var target = k;
17            foreach(var ite
18                dict.OrderBy(x => x.Val
19                {
20                    for(var j =
21                        item.Value && target >
22                        {
23                            dict[it
24                            target-
25                        }
26                    if(target =
27                        {
28                            break;
29                        }
30                    }
31                }
32            return dict.Cou
33            x.Value <= 0);
```

Testcase

Run Code Result

Accepted

Runtime: 149 ms

Your input

`[5,5,4]`  
1

Output

1

Expected

1

Console

Use Example Testcase

Problems

Pick One

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Next &gt;

Run Code ^

Subm