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 <= arr.length <= 10^5
* 1 <= arr[i] <= 10^9
* 0 <= k <= arr.length