You are given an array of positive integers arr. Perform some operations (possibly none) on arr so that it satisfies these conditions:

* The value of the **first** element in arr must be 1.
* The absolute difference between any 2 adjacent elements must be **less than or equal to** 1. In other words, abs(arr[i] - arr[i - 1]) <= 1 for each i where 1 <= i < arr.length (**0-indexed**). abs(x) is the absolute value of x.

There are 2 types of operations that you can perform any number of times:

* **Decrease** the value of any element of arr to a **smaller positive integer**.
* **Rearrange** the elements of arr to be in any order.

Return *the* ***maximum*** *possible value of an element in* arr *after performing the operations to satisfy the conditions*.

**Example 1:**

Input: arr = [2,2,1,2,1]  
Output: 2  
Explanation:   
We can satisfy the conditions by rearranging arr so it becomes [1,2,2,2,1].  
The largest element in arr is 2.

**Example 2:**

Input: arr = [100,1,1000]  
Output: 3  
Explanation:   
One possible way to satisfy the conditions is by doing the following:  
1. Rearrange arr so it becomes [1,100,1000].  
2. Decrease the value of the second element to 2.  
3. Decrease the value of the third element to 3.  
Now arr = [1,2,3], which satisfies the conditions.  
The largest element in arr is 3.

**Example 3:**

Input: arr = [1,2,3,4,5]  
Output: 5  
Explanation: The array already satisfies the conditions, and the largest element is 5.

**Constraints:**

* 1 <= arr.length <= 105
* 1 <= arr[i] <= 109