

5862. Minimum Number of Operations to Make Array Continuous

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You are given an integer array `nums`. In one operation, you can replace **any** element in `nums` with **any** integer.

`nums` is considered **continuous** if both of the following conditions are fulfilled:

- All elements in `nums` are **unique**.
- The difference between the **maximum** element and the **minimum** element in `nums` equals `nums.length - 1`.

For example, `nums = [4, 2, 5, 3]` is **continuous**, but `nums = [1, 2, 3, 5, 6]` is **not continuous**.

Return the **minimum** number of operations to make `nums` **continuous**.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Hard

Example 1:

Input: `nums = [4,2,5,3]`

Output: 0

Explanation: `nums` is already continuous.

Example 2:

Input: `nums = [1,2,3,5,6]`

Output: 1

Explanation: One possible solution is to change the last element to 4. The resulting array is `[1,2,3,5,4]`, which is continuous.

Example 3:

Input: `nums = [1,10,100,1000]`

Output: 3

Explanation: One possible solution is to:

- Change the second element to 2.
- Change the third element to 3.
- Change the fourth element to 4.

The resulting array is `[1,2,3,4]`, which is continuous.

Constraints:

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

JavaScript



```


1 const minOperations = (a) => {
2   let m = a.length;
3   a = [...new Set(a)].sort((x, y) => x - y);
4   let n = a.length, right = 0, max = 0;
5   for (let i = 0; i < n; i++) {
6     while (right < n && a[right] - a[i] < m) right++;
7     max = Math.max(max, right - i);
  
```

```
8     }  
9     return m - max;  
10  };
```

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