945. Minimum Increment to Make Array Unique

Solved ●

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You are given an integer array `nums`. In one move, you can pick an index `i` where `0 <= i < nums.length` and increment `nums[i]` by `1`.

Return *the minimum number of moves to make every value in* `nums` ***unique***.

The test cases are generated so that the answer fits in a 32-bit integer.

Example 1:

> **Input:** nums = [1,2,2]
> **Output:** 1
> **Explanation:** After 1 move, the array could be [1, 2, 3].

Example 2:

> **Input:** nums = [3,2,1,2,1,7]
> **Output:** 6
> **Explanation:** After 6 moves, the array could be [3, 4, 1, 2, 5, 7].
> It can be shown with 5 or less moves that it is impossible for the array to have all unique values.

Constraints:

- `1 <= nums.length <= 10^5`
- `0 <= nums[i] <= 10^5`

Seen this question in a real interview before? 1/5

Yes No

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