1887. Reduction Operations to Make the Array Elements Equal

Medium ✓ 👍 700 👎 27 ☆ ↻

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Given an integer array `nums`, your goal is to make all elements in `nums` equal. To complete one operation, follow these steps:

1. Find the **largest** value in `nums`. Let its index be `i` (**0-indexed**) and its value be `largest`. If there are multiple elements with the largest value, pick the smallest `i`.

2. Find the **next largest** value in `nums` **strictly smaller** than `largest`. Let its value be `nextLargest`.

3. Reduce `nums[i]` to `nextLargest`.

Return *the number of operations to make all elements in* `nums` *equal.*

Code

```swift
class Solution {
    func reductionOperations(_ nums: [Int]) -> Int {
        let num = nums.sorted()
        var ans = 0
        var temp = 0

        for i in 1..<num.count {
            if(num[i] != num[i-1]){
                temp = temp + 1
            }
            ans = ans + temp
        }

        return ans
    }
}
```