6132. Make Array Zero by Subtracting Equal Amounts

My Submissions (/contest/weekly-contest-304/problems/make-array-zero-by-subtracting-equal-amounts/submissions/)

Back to Contest (/contest/weekly-contest-304/)

You are given a non-negative integer array `nums`. In one operation, you must:

- Choose a positive integer `x` such that `x` is less than or equal to the **smallest non-zero** element in `nums`.
- Subtract `x` from every **positive** element in `nums`.

Return *the **minimum** number of operations to make every element in* `nums` *equal to* `0`.

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

Example 1:

```
Input: nums = [1,5,0,3,5]
Output: 3
Explanation:
In the first operation, choose x = 1. Now, nums = [0,4,0,2,4].
In the second operation, choose x = 2. Now, nums = [0,2,0,0,2].
In the third operation, choose x = 2. Now, nums = [0,0,0,0,0].
```

Example 2:

```
Input: nums = [0]
Output: 0
Explanation: Each element in nums is already 0 so no operations are needed.
```

Constraints:

- `1 <= nums.length <= 100`
- `0 <= nums[i] <= 100`

JavaScript

```
const minimumOperations = (a) => {
    let res = 0;
    while (!allZero(a)) {
        let min = Math.min(...a.filter(x => x > 0));
        for (let i = 0; i < a.length; i++) {
            if (a[i] > 0) a[i] -= min;
        }
        res++;
    }
    return res;
};

const allZero = (a) => a.every(x => x == 0);
```

Custom Testcase Use Example Testcases

Run Submit

Submission Result: Accepted (/submissions/detail/761080329/) More Details > (/submissions/detail/761080329/)

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