

## 6316. Rearrange Array to Maximize Prefix Score

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You are given a **0-indexed** integer array `nums`. You can rearrange the elements of `nums` to **any order** (including the given order).

Let `prefix` be the array containing the prefix sums of `nums` after rearranging it. In other words, `prefix[i]` is the sum of the elements from `0` to `i` in `nums` after rearranging it. The **score** of `nums` is the number of positive integers in the array `prefix`.

Return the *maximum score you can achieve*.

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

### Example 1:

**Input:** `nums = [2,-1,0,1,-3,3,-3]`  
**Output:** 6  
**Explanation:** We can rearrange the array into `nums = [2,3,1,-1,-3,0,-3]`.  
`prefix = [2,5,6,5,2,2,-1]`, so the score is 6.  
It can be shown that 6 is the maximum score we can obtain.

### Example 2:

**Input:** `nums = [-2,-3,0]`  
**Output:** 0  
**Explanation:** Any rearrangement of the array will result in a score of 0.

### Constraints:

- $1 \leq \text{nums.length} \leq 10^5$
- $-10^6 \leq \text{nums}[i] \leq 10^6$

JavaScript



```
1 const preSum = (a) => { let pre = [0]; for (let i = 0; i < a.length; i++) { pre.push(pre[i] + a[i]); } return pre; };
2
3 const maxScore = (a) => {
4   let pos = [], neg = [], res = 0;
5   for (const x of a) x > 0 ? pos.push(x) : neg.push(x);
6   neg.sort((x, y) => y - x);
7   for (const x of neg) pos.push(x);
8   let pre = preSum(pos);
9   for (let i = 1; i < pre.length; i++) {
10    if (pre[i] > 0) res++;
11  }
12  return res;
13 };
```

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