



5989. Count Elements With Strictly Smaller and Greater Elements

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Given an integer array `nums`, return the number of elements that have **both** a strictly smaller and a strictly greater element appear in `nums`.

Example 1:

Input: `nums = [11,7,2,15]`

Output: 2

Explanation: The element 7 has the element 2 strictly smaller than it and the element 11 strictly greater than it. Element 11 has element 7 strictly smaller than it and element 15 strictly greater than it. In total there are 2 elements having both a strictly smaller and a strictly greater element appear in `nums`.

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

Example 2:

Input: `nums = [-3,3,3,90]`

Output: 2

Explanation: The element 3 has the element -3 strictly smaller than it and the element 90 strictly greater than it. Since there are two elements with the value 3, in total there are 2 elements having both a strictly smaller and a strictly greater element appear in `nums`.

Constraints:

- $1 \leq \text{nums.length} \leq 100$
- $-10^5 \leq \text{nums}[i] \leq 10^5$

JavaScript



```
1 const counter = (a_or_s) => { let m = new Map(); for (const x of a_or_s) m.set(x, m.get(x) + 1 || 1); return m; };
2 const stmkey_in = (m) => new Map([...m].sort((x, y) => x[0] - y[0]));
3
4 const countElements = (a) => {
5   let m = counter(a);
6   m = stmkey_in(m);
7   let res = 0, i = 0, len = m.size;
8   for (const [x, occ] of m) {
9     if (i !== 0 && i !== len - 1) {
10       res += occ;
11     }
12     i++;
13   }
14   return res;
15 };
```

☐ Custom Testcase ☒ Use Example Testcases

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