(/problem: ○ 0 number/)

0

3

0

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(Easy)

User Accepted:

Total Accepted:

Total Submissions:

User Tried:

Difficulty:

6083. Check if Number Has Equal Digit Count and Digit Value

My Submissions (/contest/biweekly-contest-79/problems/check-if-number-has-equal-digit-count-and-digit-value/submissions/)

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You are given a **0-indexed** string num of length n consisting of digits.

Return true if for **every** index i in the range $0 \le i \le n$, the digit i occurs num[i] times in num, otherwise return false.

Example 1:

```
Input: num = "1210"
Output: true
Explanation:
num[0] = '1'. The digit 0 occurs once in num.
num[1] = '2'. The digit 1 occurs twice in num.
num[2] = '1'. The digit 2 occurs once in num.
num[3] = '0'. The digit 3 occurs zero times in num.
The condition holds true for every index in "1210", so return true.
```

Example 2:

```
Input: num = "030"
Output: false
Explanation:
num[0] = '0'. The digit 0 should occur zero times, but actually occurs twice in num.
num[1] = '3'. The digit 1 should occur three times, but actually occurs zero times in num.
num[2] = '0'. The digit 2 occurs zero times in num.
The indices 0 and 1 both violate the condition, so return false.
```

Constraints:

- n == num.length
- 1 <= n <= 10
- num consists of digits.

```
JavaScript
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                                                                                                                          क
    const counter = (a_or_s) \Rightarrow \{ \text{ let m = new Map(); for (const x of a_or_s) m.set(x, m.get(x) + 1 || 1); return m; } \}
1
3 ▼
    const digitCount = (a) => {
4
        let m = counter(a), n = a.length;
5
        for (let i = 0; i < n; i++) {
            let cnt = m.get(i + '') || 0
6
7
             if (a[i] != cnt) return false;
8
        return true;
10
    };
```

Use Example Testcases

