5907. Next Greater Numerically Balanced Number

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An integer `x` is **numerically balanced** if for every digit `d` in the number `x`, there are **exactly** `d` occurrences of that digit in `x`.

Given an integer `n`, return *the* ***smallest numerically balanced*** *number* ***strictly greater*** *than* `n`.

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

Example 1:

```
Input: n = 1
Output: 22
Explanation:
22 is numerically balanced since:
- The digit 2 occurs 2 times.
It is also the smallest numerically balanced number strictly greater than 1.
```

Example 2:

```
Input: n = 1000
Output: 1333
Explanation:
1333 is numerically balanced since:
- The digit 1 occurs 1 time.
- The digit 3 occurs 3 times.
It is also the smallest numerically balanced number strictly greater than 1000.
Note that 1022 cannot be the answer because 0 appeared more than 0 times.
```

Example 3:

```
Input: n = 3000
Output: 3133
Explanation:
3133 is numerically balanced since:
- The digit 1 occurs 1 time.
- The digit 3 occurs 3 times.
It is also the smallest numerically balanced number strictly greater than 3000.
```

Constraints:

- `0 <= n <= 10^6`

JavaScript

```
const counter = (a_or_s) => { let map = new Map(); for (const i of a_or_s) map.set(i, map.get(i) + 1 || 1); return map; };

const nextBeautifulNumber = (n) => {
    n++;
    while (!nb(n)) {
       n++;
    }
    return n;
};

const nb = (x) => {
    let s = x + '';
    let m = counter(s);
```

```
    for (const [d, occ] of m) {
        if (occ != d - '0') return false;
    }
    return true;
};
```

Custom Testcase | Use Example Testcases

Run | Submit

Submission Result: Accepted (/submissions/detail/576162270/) | More Details > (/submissions/detail/576162270/)

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