

2264. Largest 3-Same-Digit Number in String

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You are given a string `num` representing a large integer. An integer is **good** if it meets the following conditions:

- It is a **substring** of `num` with length 3.
- It consists of only one unique digit.

Return the **maximum good** integer as a **string** or an empty string `""` if no such integer exists.

Note:

- A **substring** is a contiguous sequence of characters within a string.
- There may be **leading zeroes** in `num` or a good integer.

User Accepted:	6663
User Tried:	7091
Total Accepted:	7477
Total Submissions:	13217
Difficulty:	Easy

Example 1:

**Input:** `num = "6777133339"`  
**Output:** `"777"`  
**Explanation:** There are two distinct good integers: `"777"` and `"333"`. `"777"` is the largest, so we return `"777"`.

Example 2:

**Input:** `num = "2300019"`  
**Output:** `"000"`  
**Explanation:** `"000"` is the only good integer.

Example 3:

**Input:** `num = "42352338"`  
**Output:** `""`  
**Explanation:** No substring of length 3 consists of only one unique digit. Therefore, there are no good integers.

Constraints:

- `3 <= num.length <= 1000`
- `num` only consists of digits.

Discuss (https://leetcode.com/problems/largest-3-same-digit-number-in-string/discuss)

JavaScript

```
1 const largestGoodInteger = (s) => {
2   let n = s.length, res = '';
3   for (let i = 0; i < n; i++) {
4     for (let j = i; j < n; j++) {
5       let sub = s.slice(i, j + 1), se = new Set(sub), len = j - i + 1;
6       if (len > 3) break;
7       if (len == 3 && se.size == 1) {
8         if (sub > res) res = sub;
9       }
10    }
11  }
12  return res;
13 };
```

☐ Custom Testcase

Use Example Testcases

Run

Submit

Submission Result: **Accepted** (/submissions/detail/695320020/) ⓘ More Details ▶ (/submissions/detail/695320020/)

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