6047. Remove Digit From Number to Maximize Result

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You are given a string `number` representing a **positive integer** and a character `digit`.

Return *the resulting string after removing* **exactly one occurrence** *of* `digit` *from* `number` *such that the value of the resulting string in* **decimal** *form is* **maximized**. The test cases are generated such that `digit` occurs at least once in `number`.

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

Example 1:

```
Input: number = "123", digit = "3"
Output: "12"
Explanation: There is only one '3' in "123". After removing '3', the result is "12".
```

Example 2:

```
Input: number = "1231", digit = "1"
Output: "231"
Explanation: We can remove the first '1' to get "231" or remove the second '1' to get "123".
Since 231 > 123, we return "231".
```

Example 3:

```
Input: number = "551", digit = "5"
Output: "51"
Explanation: We can remove either the first or second '5' from "551".
Both result in the string "51".
```

Constraints:

- `2 <= number.length <= 100`
- `number` consists of digits from `'1'` to `'9'`.
- `digit` is a digit from `'1'` to `'9'`.
- `digit` occurs at least once in `number`.

JavaScript ▾

```javascript
const removeDigit = (s, d) => {
    let res = '';
    for (let i = 0; i < s.length; i++) {
        if (s[i] == d) {
            let t = s.slice(0, i) + s.slice(i + 1);
            if (t > res) res = t;
        }
    }
    return res;
};
```

☐ **Custom Testcase**   (Use Example Testcases)

▶ Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/690591402/) ❓   (More Details ❯ (/submissions/detail/690591402/))

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