2259. Remove Digit From Number to Maximize Result

My Submissions (/contest/weekly-contest-291/problems/remove-digit-from-number-to-maximize-result/submissions/)

Back to Contest (/contest/weekly-contest-291/)

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:	7290
User Tried:	8673
Total Accepted:	7478
Total Submissions:	18729
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`.

Discuss (https://leetcode.com/problems/remove-digit-from-number-to-maximize-result/discuss)

Go ▾   ⟨/⟩   ⟳   ⚙

```go
1 ▾ func removeDigit(number string, digit byte) string {
2
3   }
```

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

⏵ Run   ☁ Submit

Help Center (/support) | Jobs (/jobs) | Bug Bounty (/bugbounty) | Online Interview (/interview/) | Students (/student) | Terms (/terms) | Privacy Policy (/privacy)

🇺🇸 United States (/region)