2259. Remove Digit From Number to Maximize Result

Easy 272 14 Add to List Share

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 va string in* ***decimal*** *form is* ***maximized***. The test cases are generated such that `digit` occurs at least once in

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`.

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Seen this question in a real interview before? Yes No