3216. Lexicographically Smallest String After a Swap

Solved ●

Easy Topics Companies Hint

Given a string `s` containing only digits, return the

lexicographically smallest string that can be obtained after swapping **adjacent** digits in `s` with the same **parity** at most **once**.

Digits have the same parity if both are odd or both are even. For example, 5 and 9, as well as 2 and 4, have the same parity, while 6 and 9 do not.

Example 1:

> **Input:** s = "45320"
>
> **Output:** "43520"
>
> **Explanation:**
>
> `s[1] == '5'` and `s[2] == '3'` both have the same parity, and swapping them results in the lexicographically smallest string.

Example 2:

> **Input:** s = "001"
>
> **Output:** "001"
>
> **Explanation:**
>
> There is no need to perform a swap because `s` is already the lexicographically smallest.

Constraints:

- `2 <= s.length <= 100`
- `s` consists only of digits.

Seen this question in a real interview before? 1/5

Yes No

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Hint 1

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