1903. Largest Odd Number in String

Description

You are given a string `num`, representing a large integer. Return *the **largest-valued odd** integer (as a string) that is a **non-empty substring** of* `num` *, or an empty string* `""` *if no odd integer exists*.

A **substring** is a contiguous sequence of characters within a string.

Example 1:

```
Input: num = "52"
Output: "5"
Explanation: The only non-empty substrings are "5", "2", and "52". "5" is the only odd number.
```

Example 2:

```
Input: num = "4206"
Output: ""
Explanation: There are no odd numbers in "4206".
```

Example 3:

```
Input: num = "35427"
Output: "35427"
Explanation: "35427" is already an odd number.
```

Constraints:

- `1 <= num.length <= 10`^{5}
- `num` only consists of digits and does not contain any leading zeros.