Problem 1784: Check if Binary String Has at Most One Segment of Ones

Problem Information

Difficulty: Easy
Acceptance Rate: 39.24%
Paid Only: No
Tags: String

Problem Description

Given a binary string `s` **■■■■■without leading zeros** , return `true` _if_`s` _contains**at most one contiguous segment of ones**_. Otherwise, return `false`.

Example 1:

Input: s = "1001" **Output:** false **Explanation:** The ones do not form a contiguous segment.

Example 2:

Input: s = "110" **Output:** true

Constraints:

* `1 <= s.length <= 100` * `s[i]`■■■■ is either `'0'` or `'1'`. * `s[0]` is `'1'`.

Code Snippets

C++:

```
class Solution {
public:
bool checkOnesSegment(string s) {
```

```
}
};
```

Java:

```
class Solution {
public boolean checkOnesSegment(String s) {

}
}
```

Python3:

```
class Solution:
def checkOnesSegment(self, s: str) -> bool:
```