# Problem 664: Strange Printer

## Problem Information

**Difficulty:** Hard
**Acceptance Rate:** 60.81%
**Paid Only:** No
**Tags:** String, Dynamic Programming

## Problem Description

There is a strange printer with the following two special properties:

* The printer can only print a sequence of **the same character** each time. * At each turn, the printer can print new characters starting from and ending at any place and will cover the original existing characters.

Given a string `s`, return _the minimum number of turns the printer needed to print it_.

**Example 1:**

**Input:** s = "aaabbb" **Output:** 2 **Explanation:** Print "aaa" first and then print "bbb".

**Example 2:**

**Input:** s = "aba" **Output:** 2 **Explanation:** Print "aaa" first and then print "b" from the second place of the string, which will cover the existing character 'a'.

**Constraints:**

* `1 <= s.length <= 100` * `s` consists of lowercase English letters.

## Code Snippets

**C++:**

```
class Solution {
public:
int strangePrinter(string s) {

}
};
```

**Java:**

```
class Solution {
public int strangePrinter(String s) {

}
}
```

**Python3:**

```
class Solution:
def strangePrinter(self, s: str) -> int:
```