Problem 132: Palindrome Partitioning II

Problem Information

Difficulty: Hard
Acceptance Rate: 36.16%
Paid Only: No
Tags: String, Dynamic Programming

Problem Description

Given a string `s`, partition `s` such that every substring of the partition is a palindrome.

Return _the**minimum** cuts needed for a palindrome partitioning of_ `s`.

Example 1:

Input: s = "aab" **Output:** 1 **Explanation:** The palindrome partitioning ["aa","b"] could be produced using 1 cut.

Example 2:

Input: s = "a" **Output:** 0

Example 3:

Input: s = "ab" **Output:** 1

Constraints:

* `1 <= s.length <= 2000` * `s` consists of lowercase English letters only.

Code Snippets

C++:

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

}
};
```

Java:

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

}
}
```

Python3:

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