647. Palindromic Substrings

Difficulty : Medium

https://leetcode.com/problems/palindromic-substrings

Given a string s, return *the number of **palindromic substrings** in it*.

A string is a **palindrome** when it reads the same backward as forward.

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

Example 1:

```
Input: s = "abc"
Output: 3
Explanation: Three palindromic strings: "a", "b", "c".
```

Example 2:

```
Input: s = "aaa"
Output: 6
Explanation: Six palindromic strings: "a", "a", "a", "aa", "aa", "aaa".
```

Constraints:

- 1 <= s.length <= 1000
- s consists of lowercase English letters.