# Make Palindromes

You are given a Palindromic String **S**.It is given that a **Valid palindrome** is a Palindrome that has the same first Character as **S**.

Find the Total Number of distinct Valid Palindromes you can form by re-arranging the characters of S.(including S).Since the answer can be very large return it modula 10^9 +7.

**Function Description**

Complete the CountPal function in the editor below.It has the Following Parameters (S):

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| s | STRING | The given String s |

Return-The Function must return an INTEGER denoting the total numbers of distinct valid palindromes possible modulo 10^9+7.

**Constraints-**

1≤len(s)≤10^5

Input Format for debugging

The First line Contains a string s.denoting the given string s.

**Sample Test cases-**

|  |  |  |
| --- | --- | --- |
| Input | Output | Output Description |
| aba | 1 | We can form only one Pallindrome : “aba” |
| abccba | 2 | We can form two Pallindromes: “abccba” And “acbbca” |