

## 9 String Problem

时间限制: 1000ms 空间限制: 64MB

### 9.1 题目描述

Little L raised a question:

Given a string  $S$  of length  $n$  containing only lowercase letters.

You need to select several non-empty substrings of  $S$  so that they are disjoint pairwise, and each substring is a palindrome.

Assuming you have selected  $K$  substrings( $s_1, s_2 \dots s_k$ ) that satisfy the above conditions, your score is the sum of the lengths of all substrings minus  $K$ . It is  $\sum_{i=1}^K len(s_i) - K$

But Little L is a dedicated person, and to increase difficulty, Little L requires that each palindrome string contain at most one kind of letter

Little L wants you to find the maximum score.

### 9.2 输入格式

A positive integer  $T$  in the first line represents the number of test groups, for each group of test data:

The only line contains a string of length  $n$  which containing only lowercase letters.

$T \leq 20, \sum n \leq 10^6$

### 9.3 输出格式

For each test data, print a number representing the maximum score.

### 9.4 输入输出样例

输入样例:

2

etxabaxtezwkdwokdbbb

aaaaa

输出样例:

2

4