

# Alternating Characters

## Problem Statement

Shashank likes strings in which consecutive characters are different. For example, he likes *ABABA*, while he doesn't like *ABAA*. Given a string containing characters *A* and *B* only, he wants to change it into a string he likes. To do this, he is allowed to delete the characters in the string.

Your task is to find the minimum number of required deletions.

## Input Format

The first line contains an integer  $T$ , i.e. the number of test cases.  
The next  $T$  lines contain a string each.

## Output Format

For each test case, print the minimum number of deletions required.

## Constraints

$$1 \leq T \leq 10$$

$$1 \leq \text{length of string} \leq 10^5$$

## Sample Input

```
5
AAAA
BBBBB
ABABABAB
BABABA
AAABBB
```

## Sample Output

```
3
4
0
0
4
```

## Explanation

*AAAA*  $\implies$  *A*, 3 deletions

*BBBBB*  $\implies$  *B*, 4 deletions

*ABABABAB*  $\implies$  *ABABABAB*, 0 deletions

*BABABA*  $\implies$  *BABABA*, 0 deletions

*AAABBB*  $\implies$  *AB*, 4 deletions because to convert it to *AB* we need to delete 2 A's and 2 B's