

# 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.  
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