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  and  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 , i.e. the number of test cases.   
The next  lines contain a string each.

**Output Format**

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

**Constraints**

 *length of string*

**Sample Input**

5 AAAA BBBBB ABABABAB BABABA AAABBB

**Sample Output**

3 4 0 0 4

**Explanation**

*AAAA*  *A*, *3* deletions  
*BBBBB*  *B*, *4* deletions  
*ABABABAB*  *ABABABAB*, *0* deletions  
*BABABA*  *BABABA*, *0* deletions  
*AAABBB*  *AB*, *4* deletions because to convert it to AB we need to delete 2 A's and 2 B's