



Traffic Issue

Problem Code: **CSGGV3**



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Problem description.

A friend of Mohit who is a traffic inspector asked Mohit to count how many times the car crosses the auto on a one-way road. The road is represented by a string. For example: "---c-aa-ca--c--"

Each road string will contain three different characters: 'c', a car moving to the right; 'a', an auto moving to the right; and '-', an empty space. A car has twice the speed of an auto. Mohit asked your help to write a program which takes a string representing car and auto running along a one-way road and prints the number of times the cars will cross the auto. String will contain at least 1 and at most 100 characters, each one of '-', 'c', or 'a'.

Note : The road ends at the last character.

Input

- The first line of the input contains an integer **T** denoting the number of test cases. The description of **T** test cases follows.
- The first line of each test case contains a string representing the road status.

Output

- For each test case, output a single line containing an integer denoting the number of times car crosses the auto on a one-way road.

Constraints

- $1 \leq T \leq 10$
- String will contain at least 1 and at most 100 characters

Example

Input :
3
--C--a-c-a----a
cacacaa--
aca--cac-aa

Output :
2
4
2

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1 of 1

Explanation

Example case 1. For one road instance for example --c--a-c-a----a car1 of third lane crosses the auto1 of sixth lane , car2 of 8th lane crosses the auto2 of 10th lane.

Author: 2★ [skv_007 \(/users/skv_007/\)](/users/skv_007/)

Tags: [skv_007 \(/tags/problems/skv_007/\)](/tags/problems/skv_007/)

Date Added: 6-01-2018

Time Limit: 1 secs

Source Limit: 50000 Bytes

Languages: ADA, ASM, BASH, BF, C, CAML, CLOJ, CLPS, COB, CPP 4.3.2, CPP 6.3, CPP14, CS2, D, ERL, FORT, FS, GO, HASK, ICK, ICON, JAVA, JS, kotlin, LISP clisp, LISP sbcl, LUA, NEM, NICE, NODEJS, PAS fpc, PAS gpc, PERL, PERL6, PHP, PIKE, PRLG, PYPY, PYTH, PYTH 3.5, RUBY, rust, SCALA, SCM chicken, SCM guile, SCM qobi, ST, swift, TCL, TEXT, WSPC

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