

PRACTICE (/PROBLEMS/SCHOOL) COMPETE (/CONTESTS) DISCUSS (HTTP://DISCUSS.CODECHEF.COM/)

COMMUNITY (/COMMUNITY) HELP (/HELP) ABOUT (/ABOUTUS)

Home (/) » Compete (/contests/) » Code Sense (/CODS2018) » Traffic Issue

Traffic Issue

Problem Code: CSGGV3



Tweet Like Share Be the first of your friends to like this.

All submissions for this problem are available.

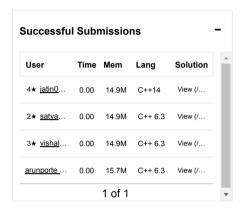
Problem description.

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.

My Submissions All Submissions (/CODS2018/status/CSGGV3,j@CO088018/status/CSG



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 ≤ T ≤ 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
```

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)

Tags: <u>skv_007 (/tags/problems/skv_007)</u>

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

Comments ▶

CodeChef is a non-commercial competitive programming community

About CodeChef (http://www.codechef.com/aboutus/) About Directi (http://www.directi.com/) CEO's Corner (http://www.codechef.com/ceoscorner/)

C-Programming (http://www.codechef.com/c-programming) Programming Languages (http://www.codechef.com/Programming-Languages) Contact Us (http://www.codechef.com/contactus)

© 2009 <u>Directi Group (http://directi.com)</u>. All Rights Reserved. CodeChef uses SPOJ © by <u>Sphere Research Labs (http://www.sphere-research.com)</u> In order to report copyright violations of any kind, send in an email to copyright@codechef.com (mailto:copyright@codechef.com)



CodeChef (http://www.codechef.com) - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

Practice Section (https://www.codechef.com/problems/easy) - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

<u>Compete (https://www.codechef.com/problems/easy)</u> - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming skills**. Take part in our 10 day long monthly coding contest and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), \$700 (for Global Community) and lots more CodeChef goodies up for grabs.

Programming Tools

Online IDE (https://www.codechef.com/ide)

Upcoming Coding Contests (http://www.codechef.com/contests#FurtureContests)

Contest Hosting (http://www.codechef.com/hostyourcontest)

Problem Setting (http://www.codechef.com/problemsetting)

CodeChef Tutorials (http://www.codechef.com/wiki/tutorials)

CodeChef Wiki (https://www.codechef.com/wiki)

Practice Problems

Easy (https://www.codechef.com/problems/easy)
Medium (https://www.codechef.com/problems/medium)
Hard (https://www.codechef.com/problems/Hard)
Challenge (https://www.codechef.com/problems/challenge)
Peer (https://www.codechef.com/problems/extcontest)
School (https://www.codechef.com/problems/school)
FAQ's (https://www.codechef.com/wiki/faq)

<u>Initiatives</u>

Go for Gold (http://www.codechef.com/goforgold)

CodeChef for Schools (http://www.codechef.com/school)

Campus Chapters (http://www.codechef.com/campus_chapter/about)

Domain Registration in India (http://www.bigrock.in/) and Web Hosting (http://www.bigrock.com/web-hosting/) powered by BigRock