



06 : 23 : 34 : 11
DAY HRS MIN SEC

July Circuits '17

LIVE

Jul 28, 2017, 08:30 AM PDT - Aug 06, 2017, 08:30 AM PDT

9

LIVE EVENTS

[INSTRUCTIONS](#) [PROBLEMS](#) [SUBMISSIONS](#) [LEADERBOARD](#) [ANALYTICS](#) [JUDGE](#)

[← Problems](#) / Drempay and Upside Down

Drempay and Upside Down

Max. Marks: 100

Dreampay likes the strings that read the same upside down, that is, if we reverse the entire string, the string remains unchanged. in other words, palindrome strings

Bob does not want to upset his friend, and would thus like to make some changes, to the string P he already has, so that the string P is liked by dreampay. Bob is allowed to make only two kinds of changes.

1. Add a character at end.
2. Replace a character.

Moreover, since Dreampay is waiting for the string, Bob wants to do this in minimum steps.

Can you find minimum number of steps needed to change the string P such that it reads same from both ends.

Input

Only line of input consists of the string P

Output

Print a single integer, the minimum number of steps needed.

Constraints

- String P consists only of lowercase latin letters.
- $1 \leq \text{length}(P) \leq 5000$

SAMPLE INPUT



axcaa

SAMPLE OUTPUT



1

Explanation

We can change the char 'x' from string "axcaa" to obtain "aaca" which satisfies the required property. Thus 1 step is needed.

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded if any testcase passes.
Allowed Languages:	C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3

CODE EDITOR

Enter your code or [Upload your code](#) as file.

Save

C (gcc 5.4.0)

```
1 #include <stdio.h>
2
3 int main()
4 {
5     printf("Hello World!\n");
6     return 0;
7 }
8
```

1:1

☒ Provide custom input

Press Ctrl-space for autocomplete suggestions.

COMPILE & TEST

SUBMIT

Tip: You can submit any number of times you want. Your best submission is considered for computing total score.

Your Rating:

Like 0

Share

Tweet

