

Full Name:

Test Name:

Email:

Taken On: Time Taken:

Invited by:

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Mock Test

15 Sep 2023 22:29:09 IST

12 min 38 sec/ 22 min

Ankush

15 Sep 2023 22:28:56 IST

Algorithms 105/105 Core CS 105/105 Easy 105/105 Problem Solving 105/105

Strings 105/105

problem-solving 105/105

100% 105/105

scored in Mock Test in 12 min 38 sec on 15 Sep 2023 22:29:09 IST

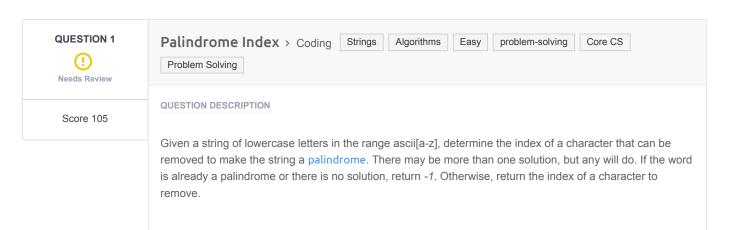
Recruiter/Team Comments:

No Comments.

Plagiarism flagged

We have marked questions with suspected plagiarism below. Please review it in detail here -

Question Description Time Taken Score Status Palindrome Index > Coding 7 min 8 sec 105/ 105



Example s = "bcbc"

Either remove b' at index 0 or c' at index 3.

Function Description

Complete the *palindromeIndex* function in the editor below.

palindromeIndex has the following parameter(s):

• string s: a string to analyze

Returns

• *int:* the index of the character to remove or -1

Input Format

The first line contains an integer ${\it q}$, the number of queries.

Each of the next q lines contains a query string s.

Constraints

- $1 \le q \le 20$
- $1 \le \text{length of } s \le 10^5 + 5$
- All characters are in the range ascii[a-z].

Sample Input

```
STDIN Function

---- ------

3  q = 3

aaab  s = 'aaab' (first query)

baa  s = 'baa' (second query)

aaa  s = 'aaa' (third query)
```

Sample Output

```
3
0
-1
```

Explanation

Query 1: "aaab"

Removing b' at index b' are sults in a palindrome, so return b'.

Query 2: "baa"

Removing 'b' at index 0 results in a palindrome, so return 0.

Query 3: "aaa"

This string is already a palindrome, so return -1. Removing any one of the characters would result in a palindrome, but this test comes first.

Note: The custom checker logic for this challenge is available here.

CANDIDATE ANSWER

Language used: Python 3

```
1
2 #
3 # Complete the 'palindromeIndex' function below.
4 #
5 # The function is expected to return an INTEGER.
6 # The function accepts STRING s as parameter.
7 #
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0641 sec	10.6 KB
Testcase 2	Medium	Hidden case	Success	5	0.0632 sec	10.9 KB
Testcase 3	Medium	Hidden case	Success	5	0.0498 sec	10.8 KB
Testcase 4	Medium	Hidden case	Success	5	0.0635 sec	10.8 KB
Testcase 5	Medium	Hidden case	Success	5	0.0489 sec	10.7 KB
Testcase 6	Medium	Hidden case	Success	5	0.0614 sec	11 KB
Testcase 7	Medium	Hidden case	Success	5	0.0562 sec	11 KB
Testcase 8	Medium	Hidden case	Success	5	0.0774 sec	11.1 KB
Testcase 9	Hard	Hidden case	Success	10	0.0612 sec	11 KB
Testcase 10	Hard	Hidden case	Success	10	0.0759 sec	11 KB
Testcase 11	Hard	Hidden case	Success	10	0.0932 sec	10.8 KB
Testcase 12	Hard	Hidden case	Success	10	0.0888 sec	10.7 KB
Testcase 13	Hard	Hidden case	Success	10	0.0528 sec	11.2 KB
Testcase 14	Hard	Hidden case	Success	10	0.0551 sec	11 KB
Testcase 15	Hard	Hidden case	Success	10	0.0937 sec	11 KB
o Comments						

No Comments

PDF generated at: 15 Sep 2023 17:13:37 UTC