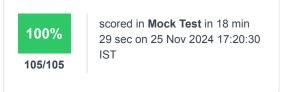


Mock Test > shaharas30@gmail.com

Full Name: Shahar Asher Email: shaharas30@gmail.com Test Name: **Mock Test** Taken On: 25 Nov 2024 17:20:30 IST Time Taken: 18 min 29 sec/ 22 min Invited by: Ankush Invited on: 25 Nov 2024 17:20:09 IST Skills Score: Tags Score: Algorithms 105/105 Core CS 105/105 Easy 105/105 Problem Solving 105/105 Strings 105/105



Recruiter/Team Comments:

No Comments.



problem-solving 105/105



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 $m{q}$ lines contains a query string $m{s}$.

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 3 results in a palindrome, so return 3.

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: C++14

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Success	0	0.0089 sec	8.95 KB
Testcase 2	Medium	Hidden case	Success	5	0.0088 sec	8.83 KB
Testcase 3	Medium	Hidden case	Success	5	0.0119 sec	8.81 KB
Testcase 4	Medium	Hidden case	Success	5	0.0113 sec	8.84 KB
Testcase 5	Medium	Hidden case	Success	5	0.0104 sec	8.81 KB
Testcase 6	Medium	Hidden case	Success	5	0.0162 sec	8.87 KB
Testcase 7	Medium	Hidden case	Success	5	0.0158 sec	8.93 KB
Testcase 8	Medium	Hidden case	Success	5	0.0157 sec	9.09 KB
Testcase 9	Hard	Hidden case	Success	10	0.0116 sec	8.91 KB
Testcase 10	Hard	Hidden case	Success	10	0.0145 sec	8.98 KB
Testcase 11	Hard	Hidden case	Success	10	0.0164 sec	8.87 KB
Testcase 12	Hard	Hidden case	Success	10	0.0102 sec	8.8 KB
Testcase 13	Hard	Hidden case	Success	10	0.0127 sec	8.98 KB
Testcase 14	Hard	Hidden case	Success	10	0.0134 sec	8.92 KB
Testcase 15	Hard	Hidden case	Success	10	0.0138 sec	8.98 KB

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