

Mock Test > nitinmoturu@gmail.com

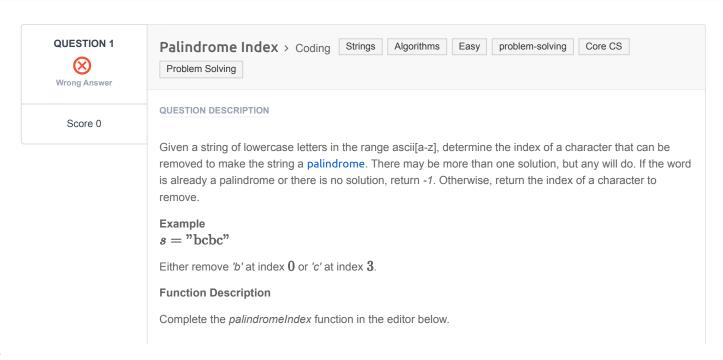
Full Name: Nitin Moturu Email: nitinmoturu@gmail.com Test Name: **Mock Test** Taken On: 17 Aug 2024 08:05:57 IST Time Taken: 21 min 44 sec/ 22 min Invited by: Ankush Invited on: 17 Aug 2024 08:05:43 IST Skills Score: Tags Score: Algorithms 0/105 Core CS 0/105 Easy 0/105 Problem Solving 0/105 Strings 0/105 problem-solving 0/105

0% scored in **Mock Test** in 21 min 44 sec on 17 Aug 2024 08:05:57 IST

Recruiter/Team Comments:

No Comments.





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 $m{q}$, 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

The candidate did not manually submit any code. The last compiled version has been auto-submitted and the score you see below is for the auto-submitted version.

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 #
8
9 def palindromeIndex(s):
10 # Write your code here
11 st = 0
```

```
ed = len(s)-1
     index = -1
14
     palindrome = True
      while (st< ed):
          if(s[st] != s[ed]):
             palindrome = False
              if(s[st+1] == s[ed]):
                  palindrome = True
                  index = st
                 s.remove(s[st])
              elif(s[st] == s[ed-1]):
                  palindrome = True
                  index = ed
                  s.remove(s[ed])
          st += 1
          ed -= 1
      return index
```

TESTCASE	DIFFICULTY	TYPE	STATUS	SCORE	TIME TAKEN	MEMORY USED
Testcase 1	Easy	Sample case	Runtime Error	0	0.0404 sec	10.7 KB
Testcase 2	Medium	Hidden case	Runtime Error	0	0.042 sec	10.7 KB
Testcase 3	Medium	Hidden case	Runtime Error	0	0.0324 sec	10.8 KB
Testcase 4	Medium	Hidden case	Runtime Error	0	0.0292 sec	10.5 KB
Testcase 5	Medium	Hidden case	Runtime Error	0	0.0356 sec	10.6 KB
Testcase 6	Medium	Hidden case	Runtime Error	0	0.0582 sec	11 KB
Testcase 7	Medium	Hidden case	Runtime Error	0	0.0779 sec	10.7 KB
Testcase 8	Medium	Hidden case	Runtime Error	0	0.0323 sec	10.7 KB
Testcase 9	Hard	Hidden case	Runtime Error	0	0.0525 sec	10.6 KB
Testcase 10	Hard	Hidden case	Runtime Error	0	0.0371 sec	10.8 KB
Testcase 11	Hard	Hidden case	Runtime Error	0	0.0444 sec	10.6 KB
Testcase 12	Hard	Hidden case	Runtime Error	0	0.0382 sec	10.4 KB
Testcase 13	Hard	Hidden case	Runtime Error	0	0.0364 sec	10.7 KB
Testcase 14	Hard	Hidden case	Runtime Error	0	0.0354 sec	10.5 KB
Testcase 15	Hard	Hidden case	Runtime Error	0	0.0391 sec	10.8 KB
o Commonto						

No Comments

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