CSES Problem Set

Palindrome Reorder

TASK | SUBMIT | RESULTS | STATISTICS | TESTS

Submission details

_Task:	<u>Palindrome Reorder</u>
Sender:	sinhaaditya
Submission time:	2025-10-02 22:11:50 +0300
Language:	Python3 (PyPy3)
Status:	READY
Result:	WRONG ANSWER

Test results ▲

test	verdict	time	
#1	ACCEPTED	0.05 s	<u>>></u>
#2	ACCEPTED	0.05 s	<u>>></u>
#3	ACCEPTED	0.05 s	<u>>></u>
#4	ACCEPTED	0.05 s	<u>>></u>
#5	ACCEPTED	0.05 s	<u>>></u>
#6	ACCEPTED	0.11 s	<u>>></u>
#7	ACCEPTED	0.11 s	<u>>></u>
#8	ACCEPTED	0.12 s	<u>>></u>
#9	WRONG ANSWER	0.12 s	<u>>></u>
#10	ACCEPTED	0.12 s	<u>>></u>
#11	ACCEPTED	0.05 s	<u>>></u>
#12	ACCEPTED	0.05 s	<u>>></u>
#13	ACCEPTED	0.05 s	<u>>></u>
#14	ACCEPTED	0.05 s	<u>>></u>
#15	WRONG ANSWER	0.05 s	<u>>></u>
#16	ACCEPTED	0.05 s	<u>>></u>
#17	ACCEPTED	0.05 s	<u>>></u>

Code ▲

1	from collections import Counter
2	
3	class PalindromeReorder:
4	<pre>definit(self, s: str):</pre>
5	self.s = s
6	<pre>self.freq = Counter(s)</pre>
7	
8	<pre>def build_palindrome(self) -> str:</pre>
9	# Find odd count characters
10	odd_chars = [ch for ch, count in self.freq.items()
11	
12	<pre>if len(odd_chars) > 1:</pre>
13	return "NO SOLUTION"

Introductory Problems

Bit Strings Trailing Zeros Coin Piles Palindrome Reorder

Gray Code

Tower of Hanoi -

Creating Strings Apple Division

Your submissions

2025-10-02 22:11:50 × 2025-10-02 22:11:02 ×

-

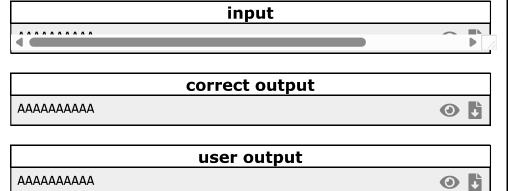
```
14
           first_half = []
15
           middle = ""
16
17
18
           for ch in sorted(self.freq.keys()): # sorted for s
19
               count = self.freq[ch]
20
               if count % 2 == 1:
21
                   middle = ch * count
22
               first_half.append(ch * (count // 2))
23
           first_half_str = "".join(first_half)
24
25
           return first_half_str + middle + first_half_str[::-
26
27
28 if __name__ == "__main__":
29
       s = input().strip()
30
       solver = PalindromeReorder(s)
       print(solver.build_palindrome())
31
```

SHARE CODE TO OTHERS

Test details ▲

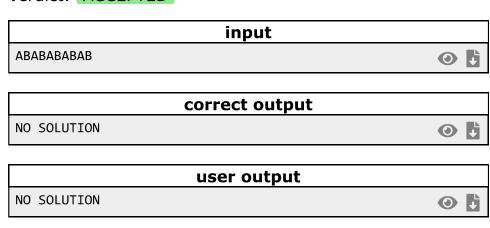
Test 1

Verdict: ACCEPTED



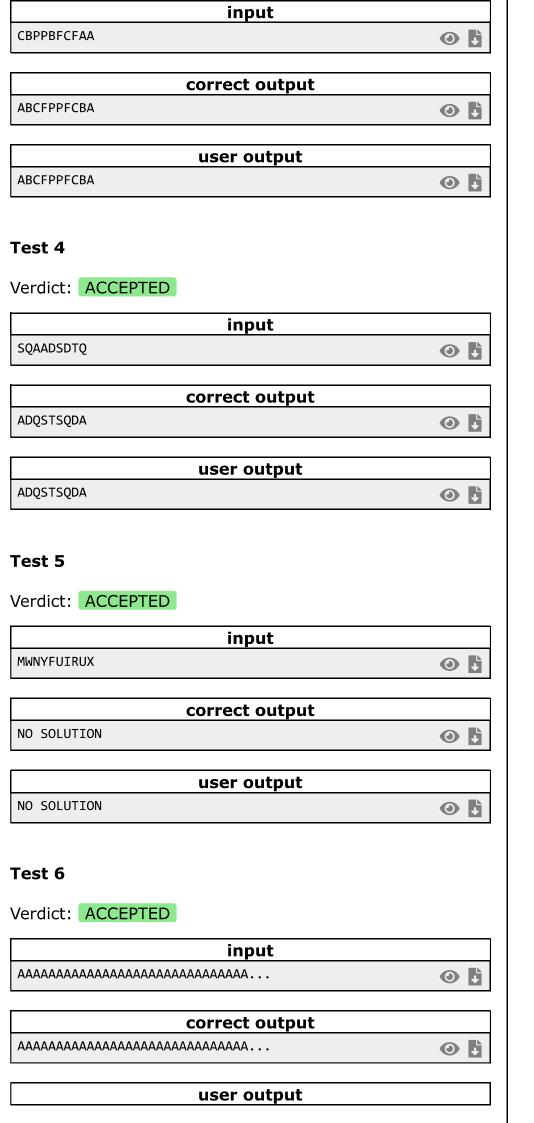
Test 2

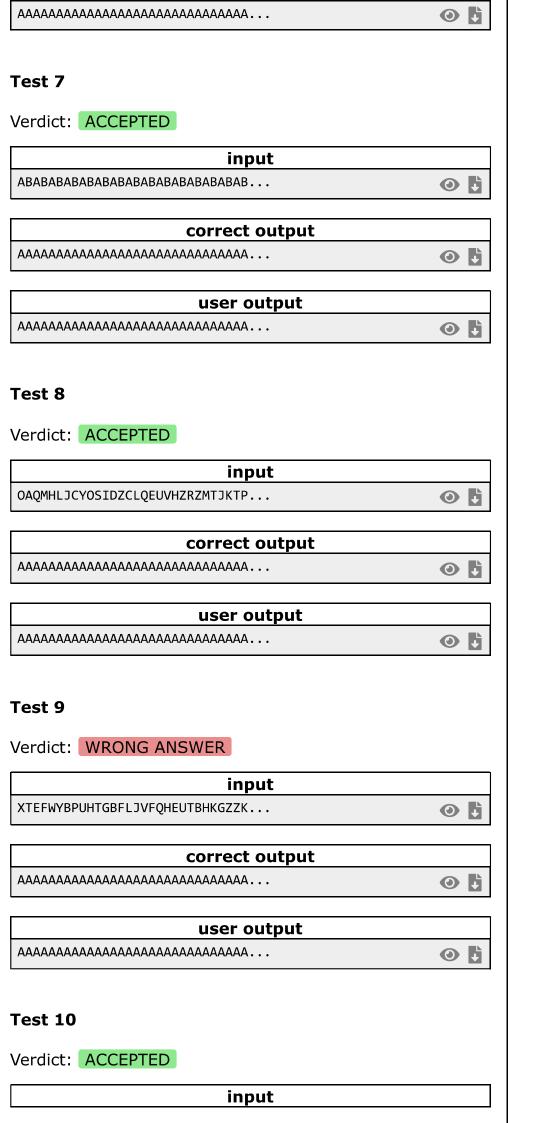
Verdict: ACCEPTED

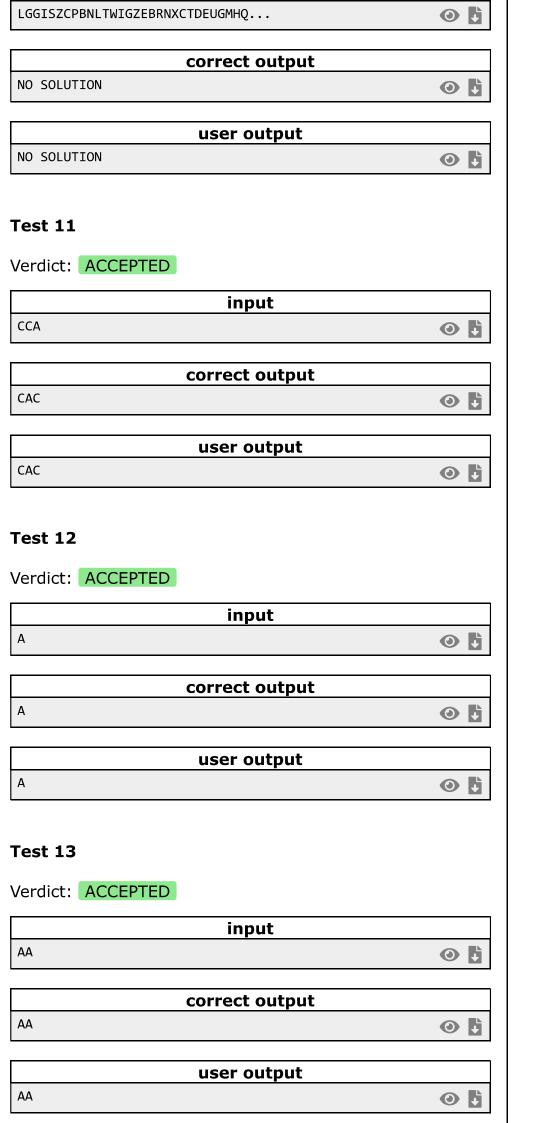


Test 3

Verdict: ACCEPTED







Test 14 Verdict: ACCEPTED input **O** ABZ correct output NO SOLUTION **O** user output NO SOLUTION **O Test 15** Verdict: WRONG ANSWER input AADDDCC **O** correct output ACDDDCA **O** user output ACDDDDDCA **O Test 16** Verdict: ACCEPTED input **O AFFFBCACBZZTFUU** correct output ABCFFUZTZUFFCBA **O** user output **ABCFFUZTZUFFCBA O Test 17** Verdict: ACCEPTED input **ACCAB**

