Practical-7

Lapindrome is defined as a string which when split in the middle, gives two halves having the same characters and same frequency of each character. If there are odd number of characters in the string, we ignore the middle character and check for lapindrome. For example gaga is a lapindrome, since the two halves gaand ga have the same characters with same frequency. Also, abccab, rotor andxyzxy are a few examples of lapindromes. Note that abbaab is NOT a lapindrome. The two halves contain the same characters but their frequencies do not match. Your task is simple. Given a string, you need to tell if it is a lapindrome.

Code:

```python
# Name: Sunva Divyaraj
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Text = int(input())
for i in range(Text):
 n = input()
 l = len(n)
 if l % 2 == 0:
    b, c = n[:l//2], n[l//2:]
 else:
    b, c = n[:l//2], n[l//2+1:]
 if sorted(b) == sorted(c):
    print("YES")
 else:
    print("NO")
```

Output:

```
6
gaga
YES
abcde
NO
rotor
YES
xyzxy
YES
abbaab
NO
ababc
NO


Process finished with exit code 0
```