GitHub Link - link

Code -

```
#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 la
pindrome. For example gaga is a lapindrome, since the two halves ga and ga have the
 same characters with same frequency. Also, abccab, rotor and xyzxy are a few examp
les of lapindromes. Note that abbaab is NOT a lapindrome. The two halves contain th
e same characters but their frequencies do not match. Your task is simple. Given a
string, you need to tell if it is a lapindrome.

# 20CE034 - DEV GUNDALIA
# GitHub Repo Link - https://github.com/20CE034/PIP-II

# Test Cases
n=int(input())
list1=[]

for i in range(n):
    b = input()
    list1.append(b)

for i in list1:
    l=len(i)

    if l%2==0:
        a=i[:int(l/2)]
        b=i[int((l/2)):]
    else:
        a=i[:int(l/2)]
        b=i[int((l/2)+1):]


    a=sorted(a)
    b=sorted(b)
    if a==b:
        print("YES")
    else:
        print("NO")
```

Output –

```
PS C:\Users\Night Fury> python -u "d:\CSPIT\Sem 4\CE 259 Programming in Python PIP\Practicals\P7\P7.py"
6
gaga
abcde
rotor
xyzxy
abbaab
ababc
NO
NO
NO
NO
NO
NO
```