

```
a = int(input())#Take input cases
arr = [] ans = []
for i in range(a):
    b = input()
    arr.append(b)

for j in arr:    if len(j) % 2 == 0:# it is an
even number
    arr1 = []    arr2 = []    for
i in range(len(j)):#for loop
    if i <= ((len(j)/2)-1):
arr1.append(j[i])
else:
arr2.append(j[i])    for
k in arr1:        if k in
arr2:
arr1.remove(k)
arr2.remove(k)    for k
in arr1:        if k in arr2:
arr1.remove(k)
arr2.remove(k)    if
arr1 == []:
ans.append("YES")
    else:
        ans.append("NO")
else:    a1 = []    for i
in j:        a1.append(i)
q = int(len(j)/2)
a1.remove(a1[q])
```

```
# print(a1)

str = ""      for
k in a1:

str += k


arr1 = []      arr2 = []

for i in range(len(str)):
if i <= ((len(str)/2)-1):
arr1.append(str[i])
else:

arr2.append(str[i])


for k in arr1:
if k in arr2:
arr1.remove(k)


for k in arr1:
if k in arr2:
arr1.remove(k)


if arr1 == []:
ans.append("YES")
else:
ans.append("NO")


for k in ans:
print(k)
```

OUTPUT

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

...Program finished with exit code 0
Press ENTER to exit console.
```