

```
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:
```

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    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")
```

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for k in ans:
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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.
```