#

def vowels(string):

vowels = 'aeiouAEIOU'

count = 0

for i in string:

if i in vowels:

count += 1

return count

string = input()

vowel\_count = vowels(string)

print("Number of vowels:", vowel\_count)

#

def sort(s):

snt=list(s)

l=len(snt)

for i in range(l):

for j in range(0, l-i-1):

if snt[j]>snt[j+1]:

snt[j],snt[j+1] = snt[j+1],snt[j]

return ''.join(snt)

s=input()

print(sort(s))

#

def palindrome(s):

start=0

end=len(s)-1

while start < end:

if s[start]!=s[end]:

return "Not a Palindrome"

start += 1

end -= 1

return "Palindrome"

n=input()

result=palindrome(n)

print(result)

#

def reverse(s):

words=s.split()

reversed=words[::-1]

return ' '.join(reversed)

s=input()

result=reverse(s)

print(result)