str1=input("Enter the string To display word with the longest length \n")

list1=str1.split()

m=0

word=0

print(list1)

for i in range(len(list1)):

if m<len(list1[i]):

m=len(list1[i])

word=i

print("The word with longest length:- ",list1[word])

string=input(("Enter a string:"))

if(string==string[::-1]):

print("The string is a palindrome")

else:

print("The string is not a palindrome")

str1 = input("Enter the string to count frequency of occurrence of particular character \n")

char = input("Enter character:- ")

counter = 0

for i in range(len(str1)):

if char == str1[i]:

counter += 1

print("Character ",char," is present ",counter," times in string ",str1)

str1 = input("Enter input string :")

str1= str1.split()

i=0

while i<len(str1):

count=0

for j in str1:

if str1[i]==j:

count=count+1

print(str1[i],count)

i=i+1

str1 = input("Enter the string To display index of first appearance of the substring:- \n")

sub1 = input("Enter substring:- \n")

index=str1.find(sub1)

print(index)