string=raw\_input("Enter string")

a,b,c,d=0,0,0,0

for s in string:

if s.isupper():

a=a+1

if s.islower():

b=b+1

if s.isalpha():

c=c+1

if s.isdigit():

d=d+1

print "Number of Capital letters",a

print "Number of Lower-case letters",b

print "Number of Alphabets letters",c

print "Number of Digits",d

line=raw\_input("Enter line:")

sub=raw\_input("Enter substring:")

lenline=len(line)

lensub=len(sub)

start=count=0

end=lenline

while True:

pos=line.find(sub,start,end)

if (pos != -1):

count += 1

start=pos+lensub

else:

break

if(start>=lenline):

break

print "No. of occurrences of",sub,":",count

string=raw\_input("Enter string")

length=len(string)

a=0

end=length

string2=''

while a<length:

if a==0:

string2 +=string[0].upper()

a += 1

elif(string[0] =='' and string[a+1] !=''):

string2 += string[a]

string2 += string[a+1].upper()

a +=2

else:

string2 += string[a]

a += 1

print "Original String :",string

print "Capitalized words String:",string2

string=raw\_input("Enter string")

vowel="a,e,i,o,u"

vowels=consonants=spaces=0

for i in string:

if(i in vowel):

vowels=vowels+1

if i.isspace():

spaces=spaces+1

if(i not in vowel and i not in ' '):

consonants=consonants+1

print "Consonant(s):",consonants

print "Vowel(s)",vowels

print "Space(s):",spaces