p=int(input("Enter the principle amount:"))  
n=int(input("Enter the number of years:"))  
r=int(input("Enter the rate of intrest:"))  
a=(1+(r/100))\*\*n  
amount=p\*a  
print("Total=",amount)  
compoundintrest= amount - p  
print("Compound intrest=",compoundintrest)

A2

string=input("Enter a string:")  
list1=[]  
list2=[]  
for i in string:  
 if(i.islower()):  
 list1.append(i)  
 elif(i.upper()):  
 list2.append(i)  
s1=0  
for i in list1:  
 s1=s1+1  
print("no of lower cases:",s1)  
s2=0  
for i in list2:  
 s2 = s2+1  
print("no of upper cases:",s2)