Enter your String: 110
ITS A BINARY STRING.
⟹

Count occurences of Chars.

```
a = input ("Enter a string :")
b = a strip(). lower()

all_freq = {}
for i in b:
    if i in all_freq:
        all_freq[i] += 1
    Else:
        all_freq[i] = 1
Print ("count of all characters in Geeks for Geeks
        is   :\n " +| Str (all_freq))
```

-) Enter a string : str.
  Count of all characters in Geeksfor Geeks in :
        { 's' : 1, 't' : 1, 'r' : 1}.

Return Average And sum of digits in String:

```
    try:
        num = int(input (" Enter a number :")),
        i = 0
        Sum = 0
        num1 = num
        while (num > 0):
            i = i+1
            rem = num %. 10
            Sum += rem
            num = num /10
        Print ("Sum:", sum)
        Print ("average :", sum/i)
    Except:
        Print (" please Enter valid input ..!!")
```

finally :
     Print ("Thank you...!!")

Enter a number : 577
Sum : 19
average : 6.33
Thank you...!!

Count lowercase, upper case, Digit Chars :

```
a = input ("Enter a String :")
all-freq = {}
for i in a :
    if i is in all-freq :
        all-freq [i] += 1
    Else :
        all-freq [i] = 1
Print ("Count of all characters in
    Geeks for Geeks is :\n" + str(all-freq))
```

Enter a string : strr $$ 2
Count of all characters in Geeksforgeeks is:
{'s' : 1, 't' : 1, 'r' : 2, '$' : 2,
    '2' : 1}

Arrange Strings lowerCase first ...

```
C= input ("Enter a string :")
Sorted (e, key == str. lower)

Enter a String: sto
Out[8]:
['o', 's', 't']
```

Appending in middle:

```
S1 = input ("Enter string 1: ")
S2 = input (" Enter string 2: ")

a = (lens (s1)//2)
Str = S1 [:a] + S2 + S1[a:]
Print (str)

Enter string 1: You
Enter String 2: noo
Yonooss
```