

In [17]:

Python Module-3 Assignment-2

1:Write a python program to calculate the length of the string

a=input("Enter a string:")  
print("Length of string:",len(a))

Enter a string:mohammad vali  
Length of string: 13

In [5]:

3:Write a python program to get a single string from given two strings,seperated by a space and swap the first two characters of string

a1=input("Enter first string:")  
a2=input("Enter second string:")  
l1=len(a1)  
l2=len(a2)  
b1=a2[0:2]+a1[2:l1]  
b2=a1[0:2]+a2[2:l2]  
c=b1+' '+b2  
print(c)

Enter first string:meow  
Enter second string:wow  
woow mew

In [6]:

4:Write a python program to take input from user and print the input in both upper case and lower case

a=input("Enter a string")  
print("Entered string in upper case:",a.upper())  
print("Entered string in lower case:",a.lower())

Enter a stringmdvali  
Entered string in upper case: MDVALI  
Entered string in lower case: mdvali

In [24]:

list=["a\nb","c\nd","e\nf"]  
print("The original list:",list)

re=[]  
for i in list:  
 re.append(i.replace("\n",""))  
print("List after newline character removal:",re)

The original list: ['a\nb', 'c\nd', 'e\nf']  
List after newline character removal: ['ab', 'cd', 'ef']

In [8]:

6:Write a python program to count no.of occurences of substring in a main string

a=input("Enter a string:")  
b=input("Enter substring:")  
print("Occurence of substring in main string:",a.count(b))

Enter a string:abc bcd  
Enter substring:bc  
Occurence of substring in main string: 2

In [9]:

7:Write a python program to convert a string in a list

a=input("Enter a string to convert into list:")  
print(a.split(" "))

Enter a string to convert into list:iam from India  
['iam', 'from', 'India']

In [14]:

8:Write a python program to perform deletion of character

test\_str = "vali"  
print ("The original string is : " + test\_str)  
new\_str = test\_str.replace('e', '')  
print ("The string after removal of i'th character( doesn't work) : " + new\_str)  
new\_str = test\_str.replace('v', '', 1)  
print ("The string after removal of i'th character(works) : " + new\_str)

The original string is : vali  
The string after removal of i'th character( doesn't work) : vali  
The string after removal of i'th character(works) : ali

In [23]:

a=input("Enter a string:")  
for i in a:  
 print(i)

Enter a string:ali  
a  
l  
i

In [20]:

str1 = input("Please Enter your Own String : ")  
i = 0

while(i < len(str1)):  
 print("The Character at %d Index Position = %c" %(i, str1[i]))  
 i = i + 1

Please Enter your Own String : mohammad  
The Character at 0 Index Position = m  
The Character at 1 Index Position = o  
The Character at 2 Index Position = h  
The Character at 3 Index Position = a  
The Character at 4 Index Position = m  
The Character at 5 Index Position = m  
The Character at 6 Index Position = a  
The Character at 7 Index Position = d

In [22]:

a="refrigerator"  
count=0  
for i in a:  
 count+=1  
print("No.of characters in string:",count)

No.of characters in string: 12

In [ ]: