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In [1]: 1.      Write a Python program to calculate the length of a string
str = input("Enter a string: ")
counter = 0
for s in str:
    counter = counter+1
print("Length of the input string is:", counter)

Enter a string: Ajaykrishnareddy
Length of the input string is: 16

In [2]: 2.      Write a Python program to count the number of characters (character frequency) in a
string.
def char_frequency(str1):
    dict = {}
    for n in str1:
        keys = dict.keys()
        if n in keys:
            dict[n] += 1
        else:
            dict[n] = 1
    return dict
print(char_frequency('facebook.com'))

{'f': 1, 'a': 1, 'c': 2, 'e': 1, 'b': 1, 'o': 3, 'k': 1, '.': 1, 'm': 1}

In [4]: a=input()
b=input()
x=a[0:2]
a=a.replace(a[0:2],b[0:2])
b=b.replace(b[0:2],x)
print(a,b)

ajay
reddy
reay ajddy

In [4]: 4.      Write a Python script that takes input from the user and displays that input back in
upper and lower cases
user_input = input("Who's your favourite cricketer? ")
print("My favourite cricketer is ", user_input.upper())
print("My favourite cricketer is ", user_input.lower())

Who's your favourite cricketer? Sehwag
My favourite cricketer is  SEHWAG
My favourite cricketer is  sehwa

In [5]: 5.      Write a Python program to remove a newline in Python.
str1='Python Ajay\n'
print(str1)
print(str1.rstrip())

Python Ajay
Python Ajay

In [6]: 6.      Write a Python program to count occurrences of a substring in a string.
str1 = 'Sehwag hits a six.'
print()
print(str1.count("Sehwag"))
print()

1

In [7]: 7.      Write a Python program to convert a string in a list.
def Convert(string):
    li = list(string.split(" "))
    return li

str1 = "Ajay Krishna Reddy"
print(Convert(str1))

['Ajay', 'Krishna', 'Reddy']

In [8]: 8.      Write a Python program to perform Deletion of a character
def remove_char(str, n):
    first_part = str[:n]
    last_part = str[n+1:]
    return first_part + last_part
print(remove_char('Ajay', 0))
print(remove_char('Ajay', 3))
print(remove_char('Ajay', 5))

jay
Aja
Ajay

In [25]: 9.      Write a program to print every character of a string entered by user in a new line u
sing loop.
a="raw_input"
for i in a:
    print(i)

r
a
w
-
i
n
p
u
t

In [13]: 10.     Write a program to find the length of the string "refrigerator" without using len fu
nction.
a="refrigirator"
count=0
for i in a:
    count=count+1
    print(count)

1
2
3
4
5
6
7
8
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10
11
12
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