

## Assignment - 7



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1) Write a python program to calculate length of a string

→

```
def string-length (str1):  
    count = 0  
    for char in str1:  
        count += 1  
    return count  
print(string-length)
```

2) Write a python program to count the number of characters.

→

```
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)
```

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3) Write a python program to get a single string from two given strings

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```
def chars-mix-up(a,b):  
    new-a = b[:2] + a[2:]  
    new-b = a[:2] + b[2:]  
    return new-a + ' ' + new-b  
print(chars-mix-up('abc', 'xyz'))
```

4) Write a python program to convert string in a list

→

```
def Convert(string):  
    li = list(string.split("-"))  
    return li  
str1 = "Geeks-for-Geeks"  
print(Convert(str1))
```

5) Write a python program to remove the characters which have odd index values of a given string.



→

```
def odd-values-string(str):  
    result = ""  
    for i in range(len(str)):  
        if i%2 == 0:  
            result = result + str[i]  
    return result  
print(odd-values-string('abcdef'))  
print(odd-values-string('python'))
```