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

```
str = input("Enter a string:")
# counter variable to count the character in a string
counter = 0
for s in str:
    counter = counter+1
print("Length of the input string is:", counter)
```

Output:

Enter a string: Gitam

Length of the input string is: 5

2) Write a python program to count the number of characters (character frequency in string).

```
# initializing string
test_str = "GeeksforGeeks"
count = 0
for i in test_str:
  if i == 'e':
```

```
count = count + 1

print ("Count of e in GeeksforGeeks is : +  str(count))
```

Output :

Count of e in GeeksforGeeks is : 4

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

```
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'))
```

Output:

xyc abz

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))
```

Output:

```
['Geeks', 'for', 'Geeks']
```

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'))
```

Output:

```
ace
pto
```