**Python Assignment-7**

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**Section: B2**

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**1. Program to calculate length of a string**

str = input("Enter a string: ")

count = 0

for s in str:

count = count+1

print("Length of the input string is:", count)

**Output:-**

Enter a string: Gitam University

Length of the input string is: 16

**2. 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("my name is prathyusha "))

**3. Program to get a single string from given two strings**

str1 = 'GITAM'

str2 ='University'

print('str1 + str2 = ', str1 + str2)

**Output:-**

str1 + str2 = GITAMUniversity

**4. Program to convert string to list**

def Convert(string):

li = list(string.split(" "))

return li

str1 = "my name is prathyusha" print(Convert(str1))

**Output:-**

['my', 'name', 'is', 'prathyusha']

**5. 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('prathyusha'))

**Output:-**

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