**PYTHON ASSIGNMENT DAY 7**

HARSHITHA PRIYA S

**1.Writa a python program to calculate length of a string.**

Ans: str=input(“enter a string”)

counter=0

for s in str:

counter=counter+1

print(“length of the string is”,counter)

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

Ans: input\_string=”Data Science”

frequencies={}

for char in input\_string:

if char in frequencies:

frequencies[char]+=1

else:

frequencies[char]=1

print(“per char frequency in ‘{}’ is :\n{}”.format(input\_string,str(frequencies)))

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

Ans: 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 into a list**

Ans: def convert(string)

li=list(String.split(“ “))

return li

str1=”harshitha Priya”

print(convert(str1))

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

Ans: def odd\_values\_string(str):

result=””

for i in range(len(str)):

if i%2==0:

result=result+sr[i]

return result

print(odd\_values\_string(‘harshitha’))

print(odd\_values\_string(‘priya’))