**Shri Vaishnav Institute of Information Technology**

**Department of Computer Science Engineering Program-B.Tech(TCS)**

**ASSIGNMENT-2**

**Q1 Python Programme to convert month name to number of days?**

**Ans**

print("choose any month: January,february,march,April,may,june,july,august,september,october,november,december")

month=input("enter the name of month:")

if month=="february":

print("no. of days: 28/29 days")

elif month in ("april","june","september","november"):

print("no. of days: 30 days")

elif month in ("January","march","may","july","august","october","december"):

print("no. of days: 31 days")

else:

print("wrong month entered")

**Q2 Python Programme to count the number of strings where string length is 2 or more and the first and last character are same from given list of strings?**

def compare(a):

ctr = 0

for i in a:

if len(i) > 2 and i[0] == i[-1]:

ctr += 1

return ctr

a = ['abc', 'xyz', 'aba', '1221']

for i in a:

z = compare(a)

print(z) **or**

list=["sunandani","nikki","sharma","1221","queen"]

ctr=0

for x in list:

if len(x) > 1 and x[0]==x[-1]:

ctr += 1

print(ctr)

THANK YOU