Python Day-1

1.1) x=input('Enter your name:')

print('Hello',x)

1.2) Firstname=input("enter firstname:")

Lastname=input("enter lastname:")

wholename =firstname+lastname

print(wholename)

1.3) s=input("enter key:")

number=input("enter the number:")

while number!=s:

print("\ntry again")

number=input("enter the number again:")

if number==s:

print("correct")

1.4) ) Firstname=input("enter firstname:")

Lastname=input("enter lastname:")

wholename =firstname+lastname

print(wholename)

1.5)str=input("Enter string:¨)

print(str.swapcase())

1.6) x=input('enter numbers:')

l=x.split()

s=0

m=1

for i in l:

s=s+int(i)

for j in l:

m=m\*int(j)

print(m)

print(s)

1.7) x=[]

num=0

while num!=4:

a=int(input("enter number:"))

x.append(a)

num=num+1

b=int(input("enter the number to be found"))

for k in x:

if b==k:

flag=True

break

else:

flag=False

print(flag)

1.8) list1=[]

list2=[]

num=0

n=0

while num!=5:

x=int(input("enter list1:"))

list1.append(x)

num=num+1

while n!=3:

y=int(input("enter list2:"))

list2.append(y)

n=n+1

for i in list1:

for j in list2:

if i==j:

flag=True

else:

flag=False

break

print(flag)

1.9) list=[]

n=0

while n!=3:

a=int(input("enter values to print status:"))

list.append(a)

n=n+1

for i in list:

for i in range(0,i):

print("\*",end= ' ')

print("\n")

Day-2

2.1) def \_n\_chars(x,y):

print(x\*y)

x=int(input('enter integer:'))

y=input( 'enter char: ')

\_n\_chars(x,y);

2.2)x=int(input("enter size of list:"))

l=[]

n=0

while n<x:

m=int(input("enter numbers:"))

l.append(m)

n=n+1

def max\_in\_list(l):

j=0

for i in l:

if i>j:

j=i

print(j)

max\_in\_list(l)

2.3)num=[ ]

while True:

word=input("Enter a word ")

if(word=="break"):

break

else:

num.append(word)

print(list(map(lambda word:len(word),num)))

2.4)def find\_longest\_word(list1):

length = 0

#word\_long = 0

# for word in list1:

# if len(word) > length:

# length = len(word)

# word\_long = word

#return length,word\_long

word\_long=list(map(lambda word:len(word),list1))

return max(word\_long)

num=[]

while True:

word=input("Enter a word ")

if(word=="break"):

break

else:

num.append((word))

print(find\_longest\_word(num))

2.5)def filter\_long\_words(list1,n):

word\_long=list(filter(lambda word:len(word)>n ,list1))

return word\_long

num=[]

n=int(input("Enter a number "))

while True:

word=input("Enter a word ")

if(word=="break"):

break

else:

num.append((word))

print(filter\_long\_words(num,n))

2.7)a=input("emter ")

def pangram(a):

alph="abcdefghijklmnopqrstuvwxyz"

for i in alph:

if i not in a:

return False

return True

print(pangram(a))

2.8)num=[ ]

while True:

word=input("Enter a word ")

if(word=="break"):

break

else:

num.append(word)

def translate(x):

d={"merry":"god", "christmas":"jul", "and":"och", "happy":"gott", "new":"nytt", "year":"år"}

return list(map(lambda word:d[word],x))

print(translate(num))

2.9)def Char\_Freq(string):

# Creating an empty dictionary

freq = {}

for i in string:

if (i in freq):

freq[i] += 1

else:

freq[i] = 1

for key, value in freq.items():

print ("%c : %d"%(key, value),end=' ')

Char\_Freq("abbabcbdbabdbdbabababcbcbab")

2.10.1)def add(num):

y=0

for x in num:

y=(y+x);

return y

def sub(num):

y=0

for x in num:

y=(x-y);

return y

def sort(num):

for x in range(0,len(num)):

for y in range(0,len(num)):

if((num[y])<(num[x])):

t=num[y]

num[y]=num[x]

num[x]=t

return num

def max(num):

maxi=num[0]

for x in num:

if(x>maxi):

maxi=x

return maxi

def min(num):

mini=num[0]

for x in num:

if(x<mini):

mini=x

return mini

2.10.2)import mymodule

num=[5,2,8,1]

print(num)

print(mymodule.add(num))

print(mymodule.sub(num))

print(mymodule.max(num))

print(mymodule.min(num))

print(mymodule.sort(num))

2.11)with open("C:\\Users\\prmogili\\Desktop\\1.txt") as f:

with open("C:\\Users\\prmogili\\Desktop\\2.txt","w") as f1:

for line in f:

f1.write(line)

f1=open("C:\\Users\\prmogili\\Desktop\\2.txt","r")

print(f1.read())