**DAY-2**

LIST:

lst=[-12,13,-15,14,17]

arr=[]

arr1=[]

for i in range(0,len(lst)):

if(lst[i]>0):

arr.append(lst[i])

else:

arr1.append(lst[i])

print(arr)

print(arr1)

OUTPUT:

[13, 14, 17]

[-12, -15]

STRINGS:

s="mouni12345"

count=0

for i in s:

if(i.isdigit()):

count=count+1

print(count)

OUTPUT:

5

COUNT SPACE:

S="hello world hello"

count=0

for i in S:

if(i==' '):

count+=1

print(count)

OUTPUT:

2

Sum of even elements:

a=[1,2,3,4,5,6]

sum=0

for i in a:

if(i%2==0):

sum=sum+i

print(sum)

OUTPUT:

12

Variable length argument:

def add(\*args):

return sum(args)

ans=add(10,20,300)

print(ans)

OUTPUT:

330

Print natural number:

def natural (n):

if(n==5):

return 5

else:

print(n,end=" ")

return natural(n+1)

ans=natural(1)

print(ans)

OUTPUT:

1 2 3 4 5