1. Write a Python program to find sum of elements in list?

A: # add of elements

l=[1, 7,9,3,5,4,80,32, 11,67,55]

sum=0

for i in l:

sum=sum+i

print("sum of the list elements:{}".format(sum))

1. Write a Python program to Multiply all numbers in the list?

A: from functools import reduce

l=[1, 7,9,3,5,4,80,32, 11,67,55]

result1 = reduce((lambda x, y: x \* y), l)

print("product of the list elements:{}".format(result1))

1. Write a Python program to find smallest number in a list?

A: l=[1, 7,9,3,5,4,80,32, 11,67,55]

l.sort()

l

print(" smallest no is ",l[0])

1. Write a Python program to find largest number in a list?

A: l=[1, 7,9,3,5,4,80,32, 11,67,55]

l.sort()

l

print(" largest no is ",l[-1])

1. Write a Python program to find second largest number in a list?

A: l=[1, 7,9,3,5,4,80,32, 11,67,55]

l.sort()

l

print(" second largest largest no is ",l[-2])

1. Write a Python program to find N largest elements from a list?

A: # Python program to find N largest

# element from given list of integers

l = [1000,298,3579,100,200,-45,900]

n = int(input("enter the nth largest no:"))

l.sort()

print(l[-n:])

1. Write a Python program to print even numbers in a list?

A: list(filter(lambda x:x%2==0, range(1,20)))

1. Write a Python program to print odd numbers in a List?

A: list(filter(lambda x:x%2!=0, range(1,20)))

1. Write a Python program to Remove empty List from List?

A: def empty\_list\_remove(input\_list):

new\_list = []

for ele in input\_list:

if ele:

new\_list.append(ele)

return new\_list

# input list values

input\_list = [5, 6, [], 3, [], [], 9]

# print initial list values

print(f"The original list is : {input\_list}")

# function-call & print values

print(f"List after empty list removal : {empty\_list\_remove(input\_list)}")

1. Write a Python program to Cloning or Copying a list?

A: ef Cloning(li1):

li\_copy = li1[:]

return li\_copy

# Driver Code

li1 = [4, 8, 2, 10, 15, 18]

li2 = Cloning(li1)

print("Original List:", li1)

print("After Cloning:", li2)

1. Write a Python program to Count occurrences of an element in a list?

A:

def count(l,n):

count=0

for i in l:

if i==n:

count=count+1

return count

l=[1,8,6,4,90,34,22,8,9,4,3,1,22]

n=int(input("enter the value you want to check"))

a=count(l,n)

print(" the count of the element {} is {}".format(n,a))