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

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

add = 0

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

add = add + lst[i]

print(add)

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

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

mul = 1

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

mul = mul \* lst[i]

print(mul)

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

lst = [5, 7, 2, 11, 25]

small = lst[0]

for i in range(1, len(lst)):

if small > lst[i]:

small = lst[i]

print(small)

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

lst = [5, 7, 2, 11, 25]

lrg = lst[0]

for i in range(1, len(lst)):

if lrg < lst[i]:

lrg = lst[i]

print(lrg)

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

data = [54, 2, 45, 67, 158, 74, 78, 4, 158]

def find\_seccond\_maximum(list1):

first\_max = max(list1[0], list1[1])

second\_max = min(list1[0], list1[1])

for i in range(2, len(list1)):

if list1[i] > first\_max:

second\_max = first\_max

first\_max = list1[i]

elif list1[i] > second\_max and first\_max != list1[i]:

second\_max = list1[i]

return second\_max

print(find\_seccond\_maximum(data))

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

data = [54, 2, 45, 67, 158, 74, 78, 4, 158]

n = int(input("Enter the number : "))

list1 = sorted(data)

print(list1[n-1])

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

data = [54, 2, 45, 67, 158, 74, 78, 4, 158]

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

if data[i] % 2 == 0:

print(data[i])

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

data = [54, 2, 45, 67, 158, 74, 78, 4, 158]

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

if data[i] % 2 != 0:

print(data[i])

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

list1 = [5, 6, [], 3, [], [], 9]

list2 = []

for i in list1:

if i != []:

list2.append(i)

print(list2)

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

data1 = [54, 2, 45, 67, 158, 74, 78, 4, 158]

data2 = list(data1)

print("original list : ",data1)

print("Copied list : ",data2)

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

data1 = [54, 2, 45, 67, 158, 74, 158, 78, 4, 158]

n = int(input("Enter the element for which you want occurance : "))

print(data1.count(n))