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

a = [1,2,3,4]

for i in a:

i+=i

print(i)

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

a =[1,2,3,4]

b = 1

for i in a:

b= b\*i

print(b)

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

a =[4,2,5,7,8,4]

a.sort()

a[0]

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

a =[4,2,5,7,8,4]

a.sort()

a[-1]

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

a =[4,2,5,7,8,4]

a.sort()

a[-2]

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

a =[4,2,5,7,8,4]

n =3

b=[]

for i in a:

if i >n:

b.append(i)

print(b)

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

a =[4,2,5,7,8,4]

b=[]

for i in a:

if i%2==0:

b.append(i)

print(b)

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

a =[4,2,5,7,8,4]

b=[]

for i in a:

if i%2==1:

b.append(i)

print(b)

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

a = [1,2,3,[1,2],[],1,2,3,[1,2],[],[]]

a = [ i for i in a if i !=[]]

print(a)

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

b = a.copy()

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

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

count = 0

for i in b:

if i ==6:

count = count +1

print(count)