lit = [2,6,4,9,10]

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

count = 0

for i in range(len(lit)):

count += lit[i]

print(count)

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

product = 1

for i in range(len(lit)):

product \*= lit[i]

print(product)

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

smallest = lit[0]

for i in range(len(lit)):

if(lit[i]<smallest):

smallest = lit[i]

print(smallest)

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

largest = lit[0]

for i in range(len(lit)):

if(lit[i]>largest):

largest= lit[i]

print(largest)

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

def largest(arr):

largest = arr[0]

for i in range(len(arr)):

if(arr[i]>largest):

largest= arr[i]

res = i

return res

lit.pop(largest(lit))

print(lit[largest(lit)])

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

import copy

litcopy = copy.copy(lit)

N = int(input())

def largest(arr):

largest = arr[0]

for i in range(len(arr)):

if(arr[i]>largest):

largest= arr[i]

res = i

return res

for i in range(N-1):

if(N>len(litcopy)):

print("value of n greater then the index of the list")

break

litcopy.pop(largest(litcopy))

print("the {}th largest number is {}".format(N,litcopy[largest(litcopy)]))

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

for i in range(len(lit)):

if(lit[i]%2==0):

print(lit[i])

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

for i in range(len(lit)):

if(lit[i]%2!=0):

print(lit[i])

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

list(filter(None , lit))

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

import copy

clone\_of\_lit = copy.copy(lit)

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

t = int(input())

count = 0

for i in range(len(lit)):

if(lit[i]==t):

count+=1

print(count)