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

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

print("Sum of elements in List",sum(lst))

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

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

product = 1

for i in lst:

product = product\*i

print("Product of elements in List is :",product)

* Write a Python program to find smallest number in a list?

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

print("The Smallest no. in the list is :",min(lst))

* Write a Python program to find largest number in a list?

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

print("The largest no. in the list is :",max(lst))

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

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

lst.sort()

print("The sorted list is ",lst)

print("The second largest number in the list is ",lst[-2])

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

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

lst.sort()

print("The sorted list is ",lst)

nlar = int(input("Enter how many largest number you want from list:"))

if n < nlar :

print("enterted value is larger then the length of list")

else:

print(nlar,"largest elements from the list are :",lst[(n-nlar):])

* Write a Python program to print even numbers in a list?

lent = int(input("Enter the len of the list :"))

lst = []

for i in range(lent):

lst.append(int(input()))

print("The List is :" ,lst)

even = [i for i in lst if i%2==0 ]

print("The even numbers in list" , even)

* Write a Python program to print odd numbers in a List?

lent = int(input("Enter the len of the list :"))

lst = []

for i in range(lent):

lst.append(int(input()))

print("The List is :" ,lst)

odd = [i for i in lst if i%2 != 0 ]

print("The even numbers in list" , odd)

* Write a Python program to Remove empty List from List?

lst = [55,[],14,75,[],96,80,[],36]

print("The List :",lst)

new\_list = [item for item in lst if item != []]

print("The list after removing empty lists :" , new\_list)

* Write a Python program to Cloning or Copying a list?

n = int(input("Enter the lenth of your list : "))

lst = []

for i in range(n):

lst.append(int(input()))

print("The List is ",lst)

lst\_copy = lst.copy()

print("Cloning By list copying lst ",lst\_copy)

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

lent = int(input("Enter the lenth of your list : "))

lst = []

for i in range(lent):

lst.append(int(input()))

print("The List is ",lst)

ele= int(input("Enter the element to find its occurance : "))

print(ele,"has occured {} times in the list ".format(lst.count(ele)))