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

Ans-

li=[1,2,3,4,"s",5]

sum=0

for i in li:

if type(i)==int:

sum+=i

print(sum)

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

Ans-

li=[1,2,3,4,"s",5]

mul=1

for i in li:

if type(i)==int:

sum\*=i

print(sum)

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

Ans-

l=[23,1,43,100,12,1000,25,10]

l.sort()

print("The smallest number in the list:",l[0])

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

Ans-

l=[23,1,43,100,12,1000,25,10]

l.sort()

print("The largest number in the list:",l[-1])

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

ANS-

l=[23,1,43,100,12,1000,25,10]

l.sort()

print("The largest number in the list:",l[-2])

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

Ans-

l=[23,1,43,100,12,1000,25,10]

l.sort()

n=int(input("enter the number which largest nuber you want to see"))

if n<=len(l):

print("The largest number in the list:",l[-n])

else:

print(f"you have to enter the number which is less then {len(l)}")

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

ANS-

l=[23,1,43,100,12,1000,25,10]

l\_even=[]

for i in l:

if type(i)==int:

if i%2==0:

l\_even.append(i)

else:

pass

else:

pass

print(l\_even)

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

ANS-

l=[23,1,43,100,12,1000,25,10]

l\_even=[]

for i in l:

if type(i)==int:

if i%2!=0:

l\_even.append(i)

else:

pass

else:

pass

print(l\_even)

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

ANS-

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

res=[]

for i in test\_list:

if i!=[]:

res.append(i)

print(res)

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

ANS-

l=[23,1,43,100,12,1000,25,10]

l\_copy=l[::1]

print(l\_copy)

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

ANS-

l=[23,1,43,100,12,1000,25,10,23,23,43,100,100,12]

s=set(l)

for i in s:

print(f"{i} is {l.count(i)} number times in the list")