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

l=[1,2,3,4,5,6,7,8,9,10]

n=0

for i in range(len(l)):

n = n + l[i]

print('The sum of elements in the list is:',n)

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

l=[1,2,3,4,5,6,7,8,9,10]

n=1

for i in range(len(l)):

n = n \* l[i]

print('The product of elements in the list is:',n)

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

l=[87,54,76,21,18,99]

l.sort()

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

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

l=[87,54,76,21,18,99]

l.sort()

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

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

l=[87,54,76,21,18,99]

l.sort()

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

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

n = int(input('Enter a number: '))

l=[87,54,76,21,18,99,105,8,227]

print('The first', n, 'largest numbers in the list are:')

l.sort(reverse=True)

for i in range(n):

print(l[i])

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

l=[1,2,3,4,5,6,7,8,9,10]

print('The even numbers in the list are:')

for i in l:

if i % 2 == 0:

print(i)

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

ll=[1,2,3,4,5,6,7,8,9,10]

print('The odd numbers in the list are:')

for i in l:

if i % 2 != 0:

print(i)

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

l = [2, 'abc', [1,2], [], ['a','b','c'], [], 227, [], 'xyz']

for i in l:

if type(i) == list and len(i) == 0:

l.remove(i)

print(l)

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

l = [2, 'abc', [1,2], [], ['a','b','c'], [], 227, [], 'xyz']

m=[]

for i in l:

m.append(i)

print(m)

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

l = [1,1,1,1,1,2,2,2,2,3,3,3,4,4,5]

for i in set(l):

m=l.count(i)

print(i, m)