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

A)

lst = [2, 4, 1, 5, 6, 7]

print(sum(lst))

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

A)

lst = [2, 4, 1, 5, 6, 7]

sum1=1

for i in lst:

sum1\*=i

print(sum1)

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

A)

lst = [2, 0, 1, 1235, 6, -7123]

mini=lst[0]

for i in lst:

if i<mini:

mini=i

print(mini)

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

A)

lst = [2, 0, 1, 1235, 6, -7123]

maxi=lst[0]

for i in lst:

if i>maxi:

maxi=i

print(maxi)

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

A)

lst = [2, 0, 1, 1235, 6, -7123]

lst.sort(reverse=True)

print("Second largest number:", lst[1])

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

A)

def findLarge(lst, n):

lst.sort(reverse = True)

return lst[n-1]

# 2nd Largest Element

lst = [2, 0, 1, 1235, 6, -7123]

findLarge(lst, 2)

# 4th Largest Element

lst = [2, 0, 1, 1235, 6, -7123]

findLarge(lst, 4)

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

A)

lst = [2, 0, 1, 1235, 6, -7123, 21, 54, 12, -23, -42]

for i in lst:

if i%2==0:

print(i)

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

A)

lst = [2, 0, 1, 1235, 6, -7123, 21, 54, 12, -23, -42]

for i in lst:

if i%2!=0:

print(i)

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

A)

lst = [[], 12, 31, [1,2, -23] , [1], [], [123.23], [], 2, 321]

result = []

for i in lst:

if type(i) == list:

if len(i) != 0:

result.append(i)

else:

result.append(i)

print(result)

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

A)

list1 = [2,1, 31, 3, 412, 3, 4667, [2,3,1]]

list2 = []

for i in list1:

list2.append(i)

print(list2)

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

A)

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

def occurrences(lst, element):

count = 0

for i in lst:

if i == element:

count += 1

return count

occurrences(l, 1)