1. Python program to print all negative numbers in a range

list1 = [2, 6, -10, -3, 1, -9]

for i in list1:

    if i<0:

      print(i)

1. Remove multiple elements from a list in Python

list1 = [2, 6, -10, -3, 1, -9]

del list1[1:3]

print(list1)

1. write a Python program to Remove empty List from List

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

print("The original list is : " + str(test\_list))

res = [ele for ele in test\_list if ele != []]

print("List after empty list removal : " + str(res))

1. write a Python program to Cloning or Copying a list

def Cloning(li1):

    li\_copy = []

    li\_copy.extend(li1)

    return li\_copy

li1 = [4, 8, 2, 10, 15, 18]

li2 = Cloning(li1)

print("Original List:", li1)

print("After Cloning:", li2)

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

def countX(lst, x):

    count = 0

    for ele in lst:

        if (ele == x):

            count = count + 1

    return count

lst = [8, 6, 8, 10, 8, 20, 10, 8, 8]

x = 8

print('{} has occurred {} times'.format(x, countX(lst, x)))

1. write a Python program to Remove empty tuples from a list

def Remove(tuples):

    tuples = [t for t in tuples if t]

    return tuples

tuples = [(), ('ram','15','8'), (), ('laxman', 'sita'),

          ('krishna', 'dabar', '45'), ('',''),()]

print(Remove(tuples))

1. write a Python program to Program to print duplicates from a list of integers

def Repeat(x):

    \_size = len(x)

    repeated = []

    for i in range(\_size):

        k = i + 1

        for j in range(k, \_size):

            if x[i] == x[j] and x[i] not in repeated:

                repeated.append(x[i])

    return repeated

list1 = [10, 20, 30, 20, 20, 30, 40,

         50, -20, 60, 60, -20, -20]

print (Repeat(list1))

1. write a Python program to find Cumulative sum of a list

def Cumulative(lists):

    cu\_list = []

    length = len(lists)

    cu\_list = [sum(lists[0:x:1]) for x in range(0, length+1)]

    return cu\_list[1:]

lists = [10, 20, 30, 40, 50]

print (Cumulative(lists))

1. write a Python program to Sum of number digits in List

def getSum(n):

    sum = 0

    for digit in str(n):

      sum += int(digit)

    return sum

n = 12345

print(getSum(n))

1. write a Python program to Break a list into chunks of size N

my\_list = [1, 2, 3, 4, 5,

           6, 7, 8, 9]

start = 0

end = 12

step = 3

for i in range(start, end, step):

    x = i

    print(my\_list[x:x+step])

1. write a Python program to Sort the values of first list using second list

def sort\_list(list1, list2):

    zip\_list = zip(list2, list1)

    x = [i for \_, i in sorted(zip\_list)]

    return x

list1 = ['v', 'i', 'b', 'g', 'y', 'o', 'r']

list2 = [0, 2, 1, 1, 2, 0, 1]

print("Sorted list", sort\_list(list1, list2))