1. Python program to find smallest number in a list

list1 = [10, 20, 4, 45, 99]

list1.sort()

print("the smallest no is : ",list1[0])

1. Python program to find largest number in a list

list1 = [10, 20, 4, 45, 99]

list1.sort()

print("the largest no is : ",list1[-1])

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

list1 = [10, 20, 4, 45, 99]

list1.sort()

print("the 2nd largest no is : ",list1[-2])

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

def Nnumberele(list1, N):

   new\_list = []

   for i in range(0, N):

      max1 = 0

   for j in range(len(list1)):

      if list1[j] > max1:

         max1 = list1[j];

         list1.remove(max1);

         new\_list.append(max1)

      print("Largest numbers are ",new\_list)

1. Python program to print even numbers in a list

list1 = [10, 21, 4, 45, 66, 93]

for num in list1:

    if num % 2 == 0:

        print(num, end=" ")

1. Python program to print odd numbers in a List

list1 = [10, 21, 4, 45, 66, 93]

for num in list1:

    if num % 2 != 0:

       print(num, end = " ")

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

start = int(input("enter start of the range"))

end = int(input("enter the end of the range"))

for i in range(start,end+1):

    if i % 2 == 0:

        print(i,end=" ")

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

start = int(input("enter start of the range"))

end = int(input("enter the end of the range"))

for i in range(start,end+1):

    if i % 2 != 0:

        print(i,end=" ")

1. Python program to print positive numbers in a list

list1 = [11, -21, 0, 45, 66, -93]

for i in list1:

    if i>0:

        print(i,end=" ")

1. Python program to print negative numbers in a list

list1 = [11, -21, 0, 45, 66, -93]

for i in list1:

    if i<0:

        print(i,end=" ")

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

x = int(input("start"))

y = int(input("end"))

for i in range(start,end):

    if i > 0 :

        print(i,end=" ")