**Task 1**

**Python program to find largest number in a list**

list = [ ]

num = int(input("Enter number of elements in list: "))

for i in range(1, num + 1):

elements= int(input("Enter elements: "))

    list.append(elements)

print("Largest element is:", max(list))

OR

**li=[1,3,22]**

**print(max(li))**

**Output:**

**22**

**Task 2**

**Python program to find second largest number in a list**

list =[ ]

num=int(input("Enter number of elements:"))

for i in range(1,num+1):

    elements=int(input("Enter element:"))

    list.append(elements)

list.sort()

print("Second largest element is:",list[num-2])

OR

li=[1,3,22]

print(max(str(li[1])))

Output:

3

**Task 3**

**Python program to merge two lists and sort it**

list1=[ ]

list2=[ ]

num1=int(input("Enter number of elements:"))

for i in range(1,num1+1):

    list2=int(input("Enter element:"))

    list1.append(list2)

num2=int(input("Enter number of elements:"))

for i in range(1,num2+1):

    list4=int(input("Enter element:"))

    list3.append(list4)

new=list1+list3

new.sort()

print("Sorted list is:",new)

**Or**

**l1=[1,2,3]**

**l2=[4,5,6]**

**merge=l1+l2**

**print(merge)**

**Output:**

**[1,2,3,4,5,6]**

**Task 4**

**Python program to swap the first and last values of a list**

a=[ ]

num= int(input("Enter the number of elements in list:"))

for x in range(0,num):

    element=int(input("Enter element" + str(x+1) + ":"))

    a.append(element)

a[0], a[-1] = a[-1], a[0]

print("New list is:")

print(a)

OR

**li=[1,2,3]**

**li[0]=li[2]**

**print(li)**

**Output:**

**[3,2,1]**