

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))
```

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])
```

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)
```

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) + ":"))
    list.append(element)
a[0], a[-1] = a[-1], a[0]
print("New list is:")
print(a)
```