

## 1.PYTHON PROGRAM TO FIND THE LARGEST NUMBER IN A LIST:

```
In [2]: list1=[42,32,38,797,793,12]
list1.sort()
print("THE LARGEST NUMBER IN LIST1=",list1[-1])
```

THE LARGEST NUMBER IN LIST1= 797

## 2.PYTHON PROGRAM TO FIND THE SECOND LARGEST NUMBER IN A LIST

```
In [3]: print(" THE SECOND LARGEST NUMBER IN LIST1=",list1[-1])
```

THE SECOND LARGEST NUMBER IN LIST1= 797

## 3.PYTHON PROGRAM TO MERGE TWO LISTS AND SORT IT:

```
In [6]: list2=[22,32,42,35,38,37]
list3=[45,76,87,99,45,65]
merge = list2+list3
merge.sort()
print(merge)
```

[22, 32, 35, 37, 38, 42, 45, 45, 65, 76, 87, 99]

## 4.PYTHON PROGRAM TO SWAP THE FIRST AND LAST VALUE OF A LIST:

```
In [7]: data = [20,21,40,56,39]
        first =data.pop(0)
        last =data.pop(-1)
        data.insert(0,last)
        data.append(first)
        print("swapped list =", data)

swapped list = [39, 21, 40, 56, 20]
```

```
In [8]: data = [20,21,40,56,39,68]
        first = data[0]
        last = data[-1]
        data.insert(0,last)
        data.append(first)
        print("swapped list =",data)

swapped list = [<class 'list'>, 20, 21, 40, 56, 39, 68, 20]
```

```
In [ ]:
```