

Practice Programs (Part – 3)

P1:- Write a python program to find the second largest number in a list.

```
--Output--  
Enter number of elements:5  
Enter element:90  
Enter element:45  
Enter element:23  
Enter element:87  
Enter element:13  
Second largest element is: 87
```

P2:- Write a python program to put even and odd elements in a list into two different lists.

```
--Output--  
Enter number of elements:5  
Enter element:7  
Enter element:3  
Enter element:9  
Enter element:2  
Enter element:5  
Even List : [2]  
Odd List : [7, 3, 9, 5]
```

P3:- Write a python program to merge two lists and sort it.

```
--Output--  
Enter number of elements for list 1:2  
Enter element:89  
Enter element:65  
Enter number of elements for list 2:3  
Enter element:65  
Enter element:34  
Enter element:23  
Sorted list is: [23, 34, 65, 65, 89]
```

P4:- Write a python program to create a list of tuples with the first element as the number and second element as the square of the number.

```
Enter the lower range:5  
Enter the upper range:10  
[(5, 25), (6, 36), (7, 49), (8, 64), (9, 81), (10, 100)]
```