

Task 1: Program to find largest No in List

```
listOfNo = []
while(True):
    choice = input("Do you want to add No in List press (y) or No (N)")
    if(choice == 'N' or choice == 'n'):
        break;
    if(choice == 'Y' or choice == 'y'):
        listOfNo.append(int(input("Please Enter No:-")))
print("Your List is:-", listOfNo)
if(len(listOfNo) > 0):
    print("Largest No is:-", max(listOfNo))
```

```
➤ Do you want to add No in List press (y) or No (N)y
Please Enter No:-23
Do you want to add No in List press (y) or No (N)y
Please Enter No:-45
Do you want to add No in List press (y) or No (N)y
Please Enter No:-67
Do you want to add No in List press (y) or No (N)n
Your List is:- [23, 45, 67]
Largest No is:- 67
```

Task 2:- Program To find second largest no in List

```
listOfNo = []
while(True):
    choice = input("Do you want to add No in List press (y) or No (N)")
    if(choice == 'N' or choice == 'n'):
        break;
    if(choice == 'Y' or choice == 'y'):
        listOfNo.append(int(input("Please Enter No:-")))
print("Your List is:-", listOfNo)
if(len(listOfNo) > 1):
    listOfNo.sort()
    print("Second Largest No is:-",listOfNo[-2] )
else:
    print("Please enter atleast 2 no.s")
```

```
➤ Do you want to add No in List press (y) or No (N)y
Please Enter No:-23
Do you want to add No in List press (y) or No (N)y
Please Enter No:-78
Do you want to add No in List press (y) or No (N)y
Please Enter No:-4
Do you want to add No in List press (y) or No (N)y
Please Enter No:-2
Do you want to add No in List press (y) or No (N)y
Please Enter No:-16
```

```

Do you want to add No in List press (y) or No (N)y
Please Enter No:-200
Do you want to add No in List press (y) or No (N)n
Your List is:- [23, 78, 4, 2, 16, 200]
Second Largest No is:- 78

```

Task 3:- Program To merge two list and sort new list

```

firstList = list(map(int,input("Enter First List:-").split()))
secondList = list(map(int,input("Enter First List:-").split()))
print("Both list Before Merge and sort")
print(firstList)
print(secondList)
listMerge = firstList + secondList
print("Merged both List and sorted...")
listMerge.sort()
print(listMerge)

```

```

☞ Enter First List:-23 45 5 1 100
Enter First List:-43 2 200 3 50
Both list Before Merge and sort
[23, 45, 5, 1, 100]
[43, 2, 200, 3, 50]
Merged both List and sorted...
[1, 2, 3, 5, 23, 43, 45, 50, 100, 200]

```

Task 4:- Program to swap 1st and last element in List

```

firstList = list(map(int,input("Enter First List:-").split()))
print("List before Swap:-")
print(firstList)
temp = firstList[0];
firstList[0] = firstList[-1]
firstList[-1] = temp
print("List after Swap")
print(firstList)

```

```

☞ Enter First List:-10 20 30 40 100
List before Swap:-
[10, 20, 30, 40, 100]
List after Swap
[100, 20, 30, 40, 10]

```