### ***Day 5 task***

### ***1) Write a program to create a list of n integer values and do the following***

***Add an item in to the list (using function)  
Delete (using function)  
 Store the largest number from the list to a variable***

N = [5,8,10,17,25,35,41]

print( "N :")

print(N)

***Output:-***

N :

[5, 8, 10, 17, 25, 35, 41]

***#Add a item in list:-***

N.insert(0, 10)

print("nN after addition of element :")

print(N)

***Output:-***

N after addition of element

[10, 5, 8, 10, 17, 25, 35, 41]

***#delete function use***

N.pop(3)

print("\nN after delete element by popping :")

print(N)

***Output:-***

N after delete element by using pop function

[10, 5, 8 , 17, 25, 35, 41]

***# N.remove(5)***

print("\nN after delete element by using remove method:

")

print(N)

# Store a largest number from the list to a variable

print("largest number from the list : ",max(List))

# Store a smallest number from the list to a variable

print("smallest number from the list : ",min(List))

***Output:-***

[10, 8 , 17, 25, 35, 41]

### ***2) Create a tuple and print the reverse of the created tuple***

tup =(1,3,4,8,12,15,19,25,30,50)

s=sorted(tup)

print("tuple before sorting",tup)

print("Reverse the tuple ",sorted(tup,reverse=**True**))

print("Sorted tuplr",s)

***Output:-***

tuple before sorting (1, 3, 4, 8, 12, 15, 19, 25, 30, 50)

Reverse the tuple [50, 30, 25, 19, 15, 12, 8, 4, 3, 1]

Sorted tuplr [1, 3, 4, 8, 12, 15, 19, 25, 30, 50]

### ***3) Create a Tuple And Convert into List***

tup =(1,3,4,8,12,15,19,25,30,50)

list1=list(tup)

print("Tuple in form as list ",list1)

***Output:-***

Tuple in the form as list:-( 1,3,4,8,12,15,19,25,30,50)