List
Week 6: Lecture 3

Adding elements to list using append.

```
List_new = []
print("Initial blank List: ")
print(List_new)

# Addition of Elements

List_new.append(10)
List_new.append(20)
List_new.append(30)
print("\nList after Addition of Three elements: ")
print(List_new)
```

Few List Methods

ListA = [2, 4, 2, 6, 7, 2]
print(ListA.count(2)) #counts no. of times element appears
ListA.insert(2,50) #Insert object at specific index
print(ListA)
print(ListA.pop(2)) #Removes an element at the specified index
ListA.remove(2) #removes or deletes and element from the list
print(ListA)

reverse and sort method

ListA = [2, 4, 2, 6, 7, 2]

ListA.reverse() #Reverses the elements in the list

print(ListA)

ListA.sort() #Sorts the elements in the list

print(ListA)

extend method

ListA = [2, 4, 2, 6, 7, 2]

ListB = [100,200,300]

ListA.extend(ListB)

 #adds elements in a list to the end of another list

print(ListA)

```
List_A = [1, 3, 6, 2] + [5, 4, 7] #Concatenation
print (List_A)
print ("Max =", max(List_A)) #prints maximum value
print ("Min =", min(List_A)) #prints minmum value
print ("Sum =", sum(List_A))
#sum operation add the values in the list of numbers
```

- Thank You