LIST

LIST METHODS

* Append 🡪 adds items to last
* Pop 🡪 removes last item or can remove a particular element with index 🡪 pop() // **pop(2)**
* Extends 🡪 add both lists 🡺 Lista.extends(listb)
* Insert 🡪 Adds at a particular element at particular index 🡺lista.insert(2,3)
* Remove 🡪 removes first idenrtified value present in list lista.remove(value)
* Clear 🡪 lista.clear() to remove all the elements in the list
* Index 🡪 gives the index of the value 🡺 lista.index(2)
* Count 🡪 helps to find the repetition of the value 🡺 lista.count(2)
* Sort 🡪 gives the sorted list in same list
* Sorted 🡪 gives the new list in sorted m= sorted(l1) print(m)

list1 = [1,3,2,4,6]

list2 = [7,8,9,10]

list1.append(5)

print(list1) # [1, 3, 2, 4, 6, 5]

list1.pop() # [1, 3, 2, 4, 6]

list1.pop(0) #[3, 2, 4, 6]

list1.extend(list2)

print(list1) # [1, 3, 2, 4, 6, 7, 8, 9, 10]

list1.insert(0,2) # [2, 1, 3, 2, 4, 6]

list1 = [1,3,2,2,4,6]

list1.remove(2) #[1, 3, 2, 4, 6]

print(list1.index(2)) # 2

list1 = [1,3,2,2,2,24,6]

print(list1.count(2)) #3

list1 = [1,3,2,4,6,8,7,12]

list1.sort()

print(list1) #[1, 2, 3, 4, 6, 7, 8, 12]

list1 = [4,3,7,2,1]

list2 = sorted(list1)

print(list1) # [4, 3, 7, 2, 1]

print(list2) # [1, 2, 3, 4, 7]