Important list function in python

Function	Description	Syntax	Example
copy ( )	Returns a copy of the list	List.copy( )	MyList=[12, 12, 36] x = MyList.copy() print(x) Output: [12, 12, 36]
count ( )	Returns the number of similar elements present in the last.	List.count(value)	MyList=[36 ,12 ,12] x = MyList.count(12) print(x) Output: 2
index ( )	Returns the index value of the first recurring element	List.index(element)	MyList=[36 ,12 ,12] x = MyList.index(12) print(x) Output: 0
reverse ( )	Reverses the order of the element in the list.	List.reverse( )	MyList=[36 ,23 ,12] MyList.reverse() print(MyList) Output: [12 ,23 ,36]
sort ( )	Sorts the element in list	List.sort(reverse=True|False, key=myFunc)	

Both arguments are optional • If reverse is set as True, list sorting is in descending order. • Ascending is default. • Key=myFunc; "myFunc" - the name of the user defined function that specifies the sorting criteria. **Note:** sort( ) will affect the original list.			MyList=['Thilothamma', 'Tharani', 'Anitha', 'SaiSree', 'Lavanya'] MyList.sort( ) print(MyList) MyList.sort(reverse=True) print(MyList) **Output:** ['Anitha', 'Lavanya', 'SaiSree', 'Tharani', 'Thilothamma'] ['Thilothamma', 'Tharani', 'SaiSree', 'Lavanya', 'Anitha']
max( )	Returns the maximum value in a list.	max(list)	MyList=[21,76,98,23] print(max(MyList)) **Output:** 98
min( )	Returns the minimum value in a list.	min(list)	MyList=[21,76,98,23] print(min(MyList)) **Output:** 21
sum( )	Returns the sum of values in a list.	sum(list)	MyList=[21,76,98,23] print(sum(MyList)) **Output:** 218