LIST METHODS

APPEND: Elements can be added to the List by using the **append()** function. one element at a time can be added to the list

Example:

1.a=[1,2,4,5,67,8,9]-------.> original list

output: [1, 2, 4, 5, 67, 8, 9]

2. a. append('apple')

[1, 2, 4, 5, 67, 8, 9, 'apple']

EXTEND: This method is used to add multiple elements at the same time at the end of the list

1.a=[1,2,4,5,67,8,9]

a.extend(['apple',True])

output: [1,2,4,5,67,8,9,’apple’,True]

COPY: copy a list in Python using the copy() method without effecting the original list.

1.a=[1,2,4,5,67,8,9]

a.copy

ouput: [1, 2, 4, 5, 67, 8, 9]

INSERT: This method inserts an item at the specified index.

a=[1,2,3,4,5,6]

a.insert(1,'mango')

output: [1, 'mango', 2, 3, 4, 5, 6]

CLEAR: It empties the list, the list still remains, but it has no content.

a=[1,2,4,5,67,8,9]

a.clear()

output: []

COUNT: Returns the number of elements with the specified value.

a=[1,2,3,4,4,6,7,3,2,1]

a.count(4)

output: 2

INDEX: Returns the index of the first element with the specified value.

a=[1,2,3,4,2,3,6,7]

a.index(2)

output: 1

POP: Removes the element at the specified position

a=[1,2,3,4,5,6,7,8]

a.pop(4)

output: [1, 2, 3, 4, 6, 7, 8]

REMOVE: Removes the item with the specified value.

a=[1, 2, 3, 4, 6, 7, 8]

a.remove(4)

output: [1,2,3,6,7,8]

REVERSE: Reverses the order of the list.

a=[1,2.2,3,'apple',True,3,5]

a.reverse()

output: [5, 3, True, 'apple', 3, 2.2, 1]

SORT:sort the list

list = [100, 50, 65, 82, 23]

list.sort()

output: [23, 50, 65, 82, 100]