List :-

A data structure in Python that is a mutable, or changeable, ordered sequence of elements.

Creating List :-

List1 = ["Red", "Orange", "Yellow", "Blue"]

* List index starts from Zero.
* List can have items with same value.
* List items have defined order.
* List updations can be done on List.

* List methods :-

1) extend() :- Adds the specified list elements to the end of the current list.

Syntax :

List. extend (values)

2) append () :- Adds an elements at the end of the list.

Syntax :

> list. append (elements)

3) clear () :- Removes all the elements from list

Syntax :

> list. clear ()

4) index () :- Returns the index of first element with the specified value.

Syntax :

> List. index (elements)

5) pop () :- Removes the element at the specified position.

Syntax :

> list. pop (position)

6) remove () :- Removes first item with specified value.

Syntax :

> list . remove (element)

7) reverse () :- Reverses the order of the list.

Syntax :

> list . reverse ()

8) sort () :- Sorts the list

Syntax :

> list . sort (reverse = True/false, key = myfunc)

- - - reverse : Optional, reverse = True will sort list descending. Default is reverse = false

key : Optional. A function to specify the sorting criteria.

9) insert() :- Adds an element at the specified position.

Syntax :

List. insert (position, element)