

# PYTHON LIST METHODS



In Python - a **list** is a data structure used to store many items.

Items are Ordered (they exist in a defined order), and Changeable (they can be altered, adding, removed)

Lists also allow duplicate items.

There are many important methods that can be used with lists...





# .append()

Adds an element to the end of your list



# .insert()

Adds an element to a specified position in your list



## .extend()

Adds all individual elements from another list (or another iterable) to the **end** of your list



# .index()

Returns the index (position) of the first element in your list with some specified value







Returns the number of elements within your list that are equal to some specified value



## .remove()



Removes the first item in your list that is equal to some specified value



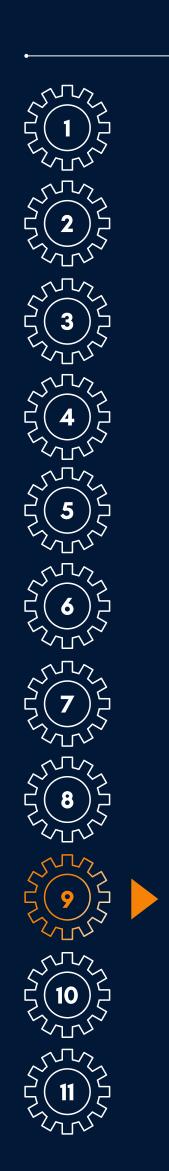


Removes (and returns) the element that exists at a specified index position



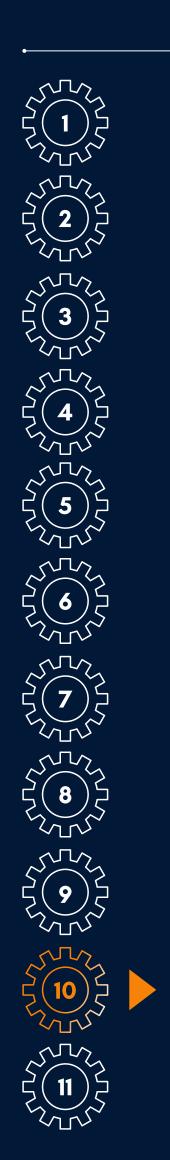
.sort()

Sorts the elements in your list (ascending order by default)



## .reverse()

Reverses the order of the elements in your list





Returns a copy of your list



.clear()

Removes all elements of your list