**ELEMENTOS DE PYTHON**

Array Methods

Python has a set of built-in methods that you can use on lists/arrays.

**Method Description**

**append()** Adds an element at the end of the list

Add an element to the fruits list:

fruits = ['apple', 'banana', 'cherry']

fruits.append("orange")

**clear()** Removes all the elements from the list

Remove all elements from the fruits list:

fruits = ['apple', 'banana', 'cherry', 'orange']

fruits.clear()

**copy()** Returns a copy of the list

Copy the fruits list:

fruits = ['apple', 'banana', 'cherry', 'orange']

x = fruits.copy()

**count()** Returns the number of elements with the specified value

Return the number of times the value "cherry" appears in the fruits list:

fruits = ['apple', 'banana', 'cherry']

x = fruits.count("cherry")

**extend()** Add the elements of a list (or any iterable), to the end of the current list

Add the elements of cars to the fruits list:

fruits = ['apple', 'banana', 'cherry']

cars = ['Ford', 'BMW', 'Volvo']

fruits.extend(cars)

**index()** Returns the index of the first element with the specified value

What is the position of the value "cherry":

fruits = ['apple', 'banana', 'cherry']

x = fruits.index("cherry")

**insert()** Adds an element at the specified position

fruits = ['apple', 'banana', 'cherry']

fruits.insert(1, "orange")

**pop()** Removes the element at the specified position

Remove the second element of the fruit list:

fruits = ['apple', 'banana', 'cherry']

fruits.pop(1)

**remove()** Removes the first item with the specified value

fruits = ['apple', 'banana', 'cherry']

fruits.remove("banana")

**reverse()** Reverses the order of the list

Reverse the order of the fruit list:

fruits = ['apple', 'banana', 'cherry']

fruits.reverse()

**sort()** Sorts the list

Sort the list alphabetically:

cars = ['Ford', 'BMW', 'Volvo']

cars.sort()