List Methods

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

Method	Description
append()	Adds an element at the end of the list
clear()	Removes all the elements from the list
copy()	Returns a copy of the list
count()	Returns the number of elements with the specified value
extend()	Add the elements of a list (or any iterable), to the end of the current list
index()	Returns the index of the first element with the specified value
insert()	Adds an element at the specified position
pop()	Removes the element at the specified position
remove()	Removes the item with the specified value
reverse()	Reverses the order of the list
sort()	Sorts the list

append() Method = appends an element to the end of the list.

```
fruits = ["apple", "banana", "cherry"]
fruits.append("orange")
print(fruits)
```

```
['apple', 'banana', 'cherry', 'orange']
```

List copy() Method = returns a copy of the specified list.

```
fruits = ["apple", "banana", "cherry"]
x = fruits.copy()
print(x)
```

```
['apple', 'banana', 'cherry']
```

List clear() Method = removes all the elements from a list.

```
fruits = ["apple", "banana", "cherry"]
fruits.clear()
print(fruits)
```

```
[]
```

List count() Method = returns the number of elements with the specified value.

```
fruits = ["apple", "banana", "cherry"]
x = fruits.count("cherry")
print(x)

points = [1, 4, 2, 9, 7, 8, 9, 3, 1]
x = points.count(9)
print(x)
```

```
1
2
```

List extend() Method = adds the specified list elements (or any iterable) to the end of the current list.

```
fruits = ['apple', 'banana', 'cherry']
cars = ['Ford', 'BMW', 'Volvo']
fruits.extend(cars)
print(fruits)
```

```
['apple', 'banana', 'cherry', 'Ford', 'BMW', 'Volvo']
```

List index() Method = returns the position at the first occurrence of the specified value.

```
fruits = ['apple', 'banana', 'cherry']
x = fruits.index("cherry")
print(x)
```

```
2
```

List insert() Method = inserts the specified value at the specified position.

```
fruits = ['apple', 'banana', 'cherry']
fruits.insert(1, "orange")
print(fruits)
```

```
['apple', 'orange', 'banana', 'cherry']
```

List pop() Method = removes the element at the specified position.

```
fruits = ['apple', 'banana', 'cherry']
fruits.pop(1)
print(fruits)
```

```
['apple', 'cherry']
```

List remove() Method = removes the first occurrence of the element with the specified value.

```
fruits = ['apple', 'banana', 'cherry' ,'banana']
fruits.remove("banana")
print(fruits)
```

```
['apple', 'cherry', 'banana']
```

List reverse() Method = reverses the sorting order of the elements.

```
fruits = ['apple', 'banana', 'cherry']
fruits.reverse()
```

```
print(fruits)
```

```
['cherry', 'banana', 'apple']
```

List sort() Method = sorts the list ascending by default.

```
cars = ['Ford', 'BMW', 'Volvo']
cars.sort()
print(cars)
```

```
['BMW', 'Ford', 'Volvo']
```

For more Visit:

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List sort()