**METHODS OF LIST**

append(self, object, /)

* Append object to the end of the list.

clear(self, /)

* Remove all items from list.

copy(self, /)

* Return a shallow copy of the list.

count(self, value, /)

* Return number of occurrences of value.

extend(self, iterable, /)

* Extend list by appending elements from the iterable.

index(self, value, start=0, stop=9223372036854775807, /)

* Return first index of values
* Raises ValueError if the value is not present.

insert(self, index, object, /)

* Insert object before index.

pop(self, index=-1, /)

* Remove and return item at index (default last).
* Raises IndexError if list is empty or index is out of range.

remove(self, value, /)

* Remove first occurrence of value.
* Raises ValueError if the value is not present.

reverse(self, /)

* Reverse \*IN PLACE\*.

sort(self, /, \*, key=None, reverse=False)

* Sort the list in ascending order and return None.
* The sort is in-place (i.e. the list itself is modified) and stable (i.e. the
* order of two equal elements is maintained).
* If a key function is given, apply it once to each list item and sort them,
* ascending or descending, according to their function values.
* The reverse flag can be set to sort in descending order.

**METHODS OF TUPLE**

count(self, value, /)

* Return number of occurrences of value.

index(self, value, start=0, stop=9223372036854775807, /)

* Return first index of value.
* Raises ValueError if the value is not present**.**

**METHODS OF DICTIONARY**

clear(...)

* D.clear() -> None. Remove all items from D.

copy(...)

* D.copy() -> a shallow copy of D

get(self, key, default=None, /)

* Return the value for key if key is in the dictionary, else default.

items(...)

* D.items() -> a set-like object providing a view on D's items

keys(...)

* D.keys() -> a set-like object providing a view on D's keys

pop(...)

* D.pop(k[,d]) -> v, remove specified key and return the corresponding value.
* If the key is not found, return the default if given; otherwise,
* raise a KeyError.

popitem(self, /)

* Remove and return a (key, value) pair as a 2-tuple.
* Pairs are returned in LIFO (last-in, first-out) order.
* Raises KeyError if the dict is empty.

setdefault(self, key, default=None, /)

* Insert key with a value of default if key is not in the dictionary.
* Return the value for key if key is in the dictionary, else default.

update(...)

* D.update([E, ]\*\*F) -> None. Update D from dict/iterable E and F.
* If E is present and has a .keys() method, then does: for k in E: D[k] = E[k]
* If E is present and lacks a .keys() method, then does: for k, v in E: D[k] = v
* In either case, this is followed by: for k in F: D[k] = F[k]

values(...)

* D.values() -> an object providing a view on D's values

**METHODS OF SET**

add(...)

* Add an element to a set.
* This has no effect if the element is already present.

clear(...)

* Remove all elements from this set.

copy(...)

* Return a shallow copy of a set.

difference(...)

* Return the difference of two or more sets as a new set.

(i.e. all elements that are in this set but not the others.)

difference\_update(...)

* Remove all elements of another set from this set.

discard(...)

* Remove an element from a set if it is a member.
* If the element is not a member, do nothing.

intersection(...)

* Return the intersection of two sets as a new set.

(i.e. all elements that are in both sets.)

intersection\_update(...)

* Update a set with the intersection of itself and another.

isdisjoint(...)

* Return True if two sets have a null intersection.

issubset(...)

* Report whether another set contains this set.

issuperset(...)

* Report whether this set contains another set.

pop(...)

* Remove and return an arbitrary set element.
* Raises KeyError if the set is empty.

remove(...)

* Remove an element from a set; it must be a member.
* If the element is not a member, raise a KeyError.

symmetric\_difference(...)

* Return the symmetric difference of two sets as a new set.

(i.e. all elements that are in exactly one of the sets.)

symmetric\_difference\_update(...)

* Update a set with the symmetric difference of itself and another.

union(...)

* Return the union of sets as a new set.

(i.e. all elements that are in either set.)

update(...)

* Update a set with the union of itself and others.