

Constructors

`list()`

Converts an object into a list.

`[] list comprehensions`

Returns a list based on existing iterables.

`literal syntax`

Initializes a new instance of the `list` type.

Methods

Adding Elements

`insert`

Inserts an item at a given position.

`append`

Adds an item to the end of the list.

`extend`

Extends the list by appending all the items from the iterable.

Deleting

`remove`

Removes the first item from the list which matches the specified value.

`pop`

Removes and returns the item at the specified index.

Information

`index`

Returns the index of the first occurrence of the specified list item.

`count`

Returns the number of times the specified item appears in the list.

Modifying

`sort`

Sorts the list in place.

`reverse`

Reverses the elements of the list, in place.

Functions

`len`

Returns an int type specifying number of elements in the collection.

`min`

Returns the smallest item from a collection.

Returns the largest item in an iterable or the largest of two or more arguments.

cmp

Compares two objects and returns an integer according to the outcome.

sum

Returns a total of the items contained in the iterable object.

sorted

Returns a sorted list from the iterable.

reversed

Returns a reverse iterator over a sequence.

all

Returns a Boolean value that indicates whether the collection contains only values that evaluate to True.

any

Returns a Boolean value that indicates whether the collection contains any values that evaluate to True.

enumerate

Returns an enumerate object.

zip

Returns a list of tuples, where the i-th tuple contains the i-th element from each of the argument sequences or iterables.

Operators

[] (index operator)

Gives access to a sequence's element.

[::] (slicing)

Gives access to a specified range of sequence's elements.

+ (concatenation)

Returns a concatenation of two sequences.

*** (multiple concatenation)**

Returns a sequence self-concatenated specified amount of times.