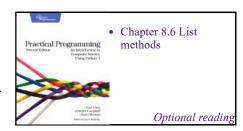
list Methods

Methods

A method is a function inside an object. You can find out the methods in type list by typing dir(list).

Modifying Lists

The table below contains methods that modify lists.



Method	Description	Example	
list.append(object)	Append object to the end of list. *** colours = ['yellow', 'blue'] *** colours.append('red') *** print(colours) ['yellow', 'blue', 'red']		
list.extend(list)	Append the items in the list parameter to the list.	<pre>>>> colours.extend(['pink', 'green']) >>> print(colours) ['yellow', 'blue', 'red', 'pink', 'green']</pre>	
list.pop([index])	Remove the item at the end of the list; optional index to remove from anywhere.	<pre>>>> colours.pop() 'green' >>> print(colours) ['yellow', 'blue', 'red', 'pink'] >>> colours.pop(2) 'red' >>> print(colours) ['yellow', 'blue', 'pink']</pre>	
list.remove(object)	Remove the first occurrence of the object; error if not there.	<pre>>>> colours.remove('green') Traceback (most recent call last): File "<pyshell#10>", line 1, in <module: colours.remove('green')="" in="" list="" list.remove(x):="" not="" valueerror:="" x="">>> colours.remove('pink') >>> print(colours) ['yellow', 'blue']</module:></pyshell#10></pre>	
list.reverse()	Reverse the list.	>>> grades = [95, 65, 75, 85] >>> grades.reverse() >>> print(grades) [85, 75, 65, 95]	
list.sort()	Sort the list from smallest to largest.	>>> grades.sort() >>> print(grades) [65, 75, 85, 95]	
list.insert(int, object)	Insert object at the given index, moving items to make room.	>>> grades.insert(2, 80) >>> print(grades) [65, 75, 80, 85, 95]	

Getting Information from Lists

The table below contains methods that return information about lists.

Method	Description	Example
list.count(object)		>>> letters = ['a', 'a', 'b', 'c'] >>> letters.count('a') 2
list.index(object)	Return the index of the first occurrence of object; error if not there.	<pre>>>> letters.index('a') 0 >>> letters.index('d') Traceback (most recent call last): File "<pyshell#24>", line 1, in <module> letters.index('d') ValueError: 'd' is not in list</module></pyshell#24></pre>

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