

List functions and methods

Function/ Method	Description	Example	Output
<code>l.remove(object)</code>	Removes <i>object</i> from list <i>l</i>	<code>list1 = [1, 2, 3, 4]</code> <code>list1.remove(3)</code> <code>print(list1)</code>	<code>[1, 2, 4]</code>
<code>l.insert(index, object)</code>	Inserts an <i>object</i> in the specified <i>index</i> of list <i>l</i>	<code>list1 = [1, 2, 3, 4]</code> <code>list1.insert(2, 5)</code> <code>print(list1)</code>	<code>[1, 2, 5, 3, 4]</code>
<code>l.clear()</code>	Removes all elements from list <i>l</i>	<code>list1 = [1, 2, 3, 4]</code> <code>list1.clear()</code> <code>print(list1)</code>	<code>[]</code>
<code>l.copy()</code>	Returns a copy of list <i>l</i>	<code>list1 = [1, 2, 3, 4]</code> <code>list2 = list1.copy()</code> <code>print(list2)</code>	<code>[1, 2, 3, 4]</code>
<code>l.sort()</code>	Sorts elements of list <i>l</i> in ascending order	<code>list1 = [4, 2, 1, 3]</code> <code>list1.sort()</code> <code>print(list1)</code>	<code>[1, 2, 3, 4]</code>
<code>l.reverse()</code>	Reverses the order of the elements in list <i>l</i>	<code>list1 = [4, 2, 1, 3]</code> <code>list1.reverse()</code> <code>print(list1)</code>	<code>[3, 1, 2, 4]</code>
<code>l.pop()</code>	Removes the last element from list <i>l</i> and returns the last element	<code>list1 = [4, 2, 1, 3]</code> <code>print(list1.pop())</code> <code>print(list1)</code>	<code>3</code> <code>[4, 2, 1]</code>
<code>sorted(l)</code>	Prints elements of list <i>l</i> in sorted (ascending) order	<code>list1 = [4, 2, 1, 3]</code> <code>print(sorted(list1))</code>	<code>[1, 2, 3, 4]</code>
<code>min(l)</code>	Returns the minimum element from list <i>l</i>	<code>list1 = [4, 2, 1, 3]</code> <code>print(min(list1))</code>	<code>1</code>
<code>max(l)</code>	Returns the maximum element from list <i>l</i>	<code>list1 = [4, 2, 1, 3]</code> <code>print(max(list1))</code>	<code>4</code>
<code>sum(l)</code>	Returns the sum of elements of list <i>l</i>	<code>list1 = [4, 2, 1, 3]</code> <code>print(sum(list1))</code>	<code>10</code>
<code>len(l)</code>	Returns length of list <i>l</i>	<code>list1 = [4, 2, 1, 3]</code> <code>print(len(list1))</code>	<code>4</code>