## Built-in List Functions & Methods

Python includes the following list functions −

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| **Sr.No.** | **Function with Description** |
| 1 | [cmp(list1, list2)](https://www.tutorialspoint.com/python/list_cmp.htm)  Compares elements of both lists. |
| 2 | [len(list)](https://www.tutorialspoint.com/python/list_len.htm)  Gives the total length of the list. |
| 3 | [max(list)](https://www.tutorialspoint.com/python/list_max.htm)  Returns item from the list with max value. |
| 4 | [min(list)](https://www.tutorialspoint.com/python/list_min.htm)  Returns item from the list with min value. |
| 5 | [list(seq)](https://www.tutorialspoint.com/python/list_list.htm)  Converts a tuple into list. |

Python includes following list methods

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| **Sr.No.** | **Methods with Description** |
| 1 | [list.append(obj)](https://www.tutorialspoint.com/python/list_append.htm)  Appends object obj to list |
| 2 | [list.count(obj)](https://www.tutorialspoint.com/python/list_count.htm)  Returns count of how many times obj occurs in list |
| 3 | [list.extend(seq)](https://www.tutorialspoint.com/python/list_extend.htm)  Appends the contents of seq to list |
| 4 | [list.index(obj)](https://www.tutorialspoint.com/python/list_index.htm)  Returns the lowest index in list that obj appears |
| 5 | [list.insert(index, obj)](https://www.tutorialspoint.com/python/list_insert.htm)  Inserts object obj into list at offset index |
| 6 | [list.pop(obj=list[-1])](https://www.tutorialspoint.com/python/list_pop.htm)  Removes and returns last object or obj from list |
| 7 | [list.remove(obj)](https://www.tutorialspoint.com/python/list_remove.htm)  Removes object obj from list |
| 8 | [list.reverse()](https://www.tutorialspoint.com/python/list_reverse.htm)  Reverses objects of list in place |
| 9 | [list.sort([func])](https://www.tutorialspoint.com/python/list_sort.htm)  Sorts objects of list, use compare func if given |

**Python Strings**

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| Method | Description |
| [Python String capitalize()](https://www.programiz.com/python-programming/methods/string/capitalize) | Converts first character to Capital Letter |
| [Python String center()](https://www.programiz.com/python-programming/methods/string/center) | Pads string with specified character |
| [Python String casefold()](https://www.programiz.com/python-programming/methods/string/casefold) | converts to casefolded strings |
| [Python String count()](https://www.programiz.com/python-programming/methods/string/count) | returns occurrences of substring in string |
| [Python String endswith()](https://www.programiz.com/python-programming/methods/string/endswith) | Checks if String Ends with the Specified Suffix |
| [Python String expandtabs()](https://www.programiz.com/python-programming/methods/string/expandtabs) | Replaces Tab character With Spaces |
| [Python String encode()](https://www.programiz.com/python-programming/methods/string/encode) | returns encoded string of given string |
| [Python String find()](https://www.programiz.com/python-programming/methods/string/find) | Returns the index of first occurrence of substring |
| [Python String format()](https://www.programiz.com/python-programming/methods/string/format) | formats string into nicer output |
| [Python String index()](https://www.programiz.com/python-programming/methods/string/index) | Returns Index of Substring |
| [Python String isalnum()](https://www.programiz.com/python-programming/methods/string/isalnum) | Checks Alphanumeric Character |
| [Python String isalpha()](https://www.programiz.com/python-programming/methods/string/isalpha) | Checks if All Characters are Alphabets |
| [Python String isdecimal()](https://www.programiz.com/python-programming/methods/string/isdecimal) | Checks Decimal Characters |
| [Python String isdigit()](https://www.programiz.com/python-programming/methods/string/isdigit) | Checks Digit Characters |
| [Python String isidentifier()](https://www.programiz.com/python-programming/methods/string/isidentifier) | Checks for Valid Identifier |
| [Python String islower()](https://www.programiz.com/python-programming/methods/string/islower) | Checks if all Alphabets in a String are Lowercase |
| [Python String isnumeric()](https://www.programiz.com/python-programming/methods/string/isnumeric) | Checks Numeric Characters |
| [Python String isprintable()](https://www.programiz.com/python-programming/methods/string/isprintable) | Checks Printable Character |
| [Python String isspace()](https://www.programiz.com/python-programming/methods/string/isspace) | Checks Whitespace Characters |
| [Python String istitle()](https://www.programiz.com/python-programming/methods/string/istitle) | Checks for Titlecased String |
| [Python String isupper()](https://www.programiz.com/python-programming/methods/string/isupper) | returns if all characters are uppercase characters |
| [Python String join()](https://www.programiz.com/python-programming/methods/string/join) | Returns a Concatenated String |
| [Python String ljust()](https://www.programiz.com/python-programming/methods/string/ljust) | returns left-justified string of given width |
| [Python String rjust()](https://www.programiz.com/python-programming/methods/string/rjust) | returns right-justified string of given width |
| [Python String lower()](https://www.programiz.com/python-programming/methods/string/lower) | returns lowercased string |
| [Python String upper()](https://www.programiz.com/python-programming/methods/string/upper) | returns uppercased string |
| [Python String swapcase()](https://www.programiz.com/python-programming/methods/string/swapcase) | swap uppercase characters to lowercase; vice versa |
| [Python String lstrip()](https://www.programiz.com/python-programming/methods/string/lstrip) | Removes Leading Characters |
| [Python String rstrip()](https://www.programiz.com/python-programming/methods/string/rstrip) | Removes Trailing Characters |
| [Python String strip()](https://www.programiz.com/python-programming/methods/string/strip) | Removes Both Leading and Trailing Characters |
| [Python String partition()](https://www.programiz.com/python-programming/methods/string/partition) | Returns a Tuple |
| [Python String maketrans()](https://www.programiz.com/python-programming/methods/string/maketrans) | returns a translation table |
| [Python String rpartition()](https://www.programiz.com/python-programming/methods/string/rpartition) | Returns a Tuple |
| [Python String translate()](https://www.programiz.com/python-programming/methods/string/translate) | returns mapped charactered string |
| [Python String replace()](https://www.programiz.com/python-programming/methods/string/replace) | Replaces Substring Inside |
| [Python String rfind()](https://www.programiz.com/python-programming/methods/string/rfind) | Returns the Highest Index of Substring |
| [Python String rindex()](https://www.programiz.com/python-programming/methods/string/rindex) | Returns Highest Index of Substring |
| [Python String split()](https://www.programiz.com/python-programming/methods/string/split) | Splits String from Left |
| [Python String rsplit()](https://www.programiz.com/python-programming/methods/string/rsplit) | Splits String From Right |
| [Python String splitlines()](https://www.programiz.com/python-programming/methods/string/splitlines) | Splits String at Line Boundaries |
| [Python String startswith()](https://www.programiz.com/python-programming/methods/string/startswith) | Checks if String Starts with the Specified String |
| [Python String title()](https://www.programiz.com/python-programming/methods/string/title) | Returns a Title Cased String |
| [Python String zfill()](https://www.programiz.com/python-programming/methods/string/zfill) | Returns a Copy of The String Padded With Zeros |
| [Python String format\_map()](https://www.programiz.com/python-programming/methods/string/format_map) | Formats the String Using Dictionary |
| [Python any()](https://www.programiz.com/python-programming/methods/built-in/any) | Checks if any Element of an Iterable is True |
| [Python all()](https://www.programiz.com/python-programming/methods/built-in/all) | returns true when all elements in iterable is true |
| [Python ascii()](https://www.programiz.com/python-programming/methods/built-in/ascii) | Returns String Containing Printable Representation |
| [Python bool()](https://www.programiz.com/python-programming/methods/built-in/bool) | Converts a Value to Boolean |
| [Python bytearray()](https://www.programiz.com/python-programming/methods/built-in/bytearray) | returns array of given byte size |
| [Python bytes()](https://www.programiz.com/python-programming/methods/built-in/bytes) | returns immutable bytes object |
| [Python compile()](https://www.programiz.com/python-programming/methods/built-in/compile) | Returns a Python code object |
| [Python complex()](https://www.programiz.com/python-programming/methods/built-in/complex) | Creates a Complex Number |
| [Python enumerate()](https://www.programiz.com/python-programming/methods/built-in/enumerate) | Returns an Enumerate Object |
| [Python filter()](https://www.programiz.com/python-programming/methods/built-in/filter) | constructs iterator from elements which are true |
| [Python float()](https://www.programiz.com/python-programming/methods/built-in/float) | returns floating point number from number, string |
| [Python input()](https://www.programiz.com/python-programming/methods/built-in/input) | reads and returns a line of string |
| [Python int()](https://www.programiz.com/python-programming/methods/built-in/int) | returns integer from a number or string |
| [Python iter()](https://www.programiz.com/python-programming/methods/built-in/iter) | returns an iterator |
| [Python len()](https://www.programiz.com/python-programming/methods/built-in/len) | Returns Length of an Object |
| [Python max()](https://www.programiz.com/python-programming/methods/built-in/max) | returns the largest item |
| [Python min()](https://www.programiz.com/python-programming/methods/built-in/min) | returns the smallest value |
| [Python map()](https://www.programiz.com/python-programming/methods/built-in/map) | Applies Function and Returns a List |
| [Python ord()](https://www.programiz.com/python-programming/methods/built-in/ord) | returns an integer of the Unicode character |
| [Python reversed()](https://www.programiz.com/python-programming/methods/built-in/reversed) | returns the reversed iterator of a sequence |
| [Python slice()](https://www.programiz.com/python-programming/methods/built-in/slice) | returns a slice object |
| [Python sorted()](https://www.programiz.com/python-programming/methods/built-in/sorted) | returns a sorted list from the given iterable |
| [Python sum()](https://www.programiz.com/python-programming/methods/built-in/sum) | Adds items of an Iterable |
| [Python zip()](https://www.programiz.com/python-programming/methods/built-in/zip) | Returns an iterator of tuples |