Python Built in Functions

Python has a set of built-in functions.

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| **Function** | **Description** |
| [abs()](https://www.w3schools.com/python/ref_func_abs.asp) | Returns the absolute value of a number |
| [all()](https://www.w3schools.com/python/ref_func_all.asp) | Returns True if all items in an iterable object are true |
| [any()](https://www.w3schools.com/python/ref_func_any.asp) | Returns True if any item in an iterable object is true |
| [ascii()](https://www.w3schools.com/python/ref_func_ascii.asp) | Returns a readable version of an object.  Replaces none-ascii characters with escape character |
| [bin()](https://www.w3schools.com/python/ref_func_bin.asp) | Returns the binary version of a number |
| [bool()](https://www.w3schools.com/python/ref_func_bool.asp) | Returns the boolean value of the specified object |
| [bytearray()](https://www.w3schools.com/python/ref_func_bytearray.asp) | Returns an array of bytes |
| [bytes()](https://www.w3schools.com/python/ref_func_bytes.asp) | Returns a bytes object |
| [callable()](https://www.w3schools.com/python/ref_func_callable.asp) | Returns True if the specified object is callable,  otherwise False |
| [chr()](https://www.w3schools.com/python/ref_func_chr.asp) | Returns a character from the specified Unicode code. |
| classmethod() | Converts a method into a class method |
| [compile()](https://www.w3schools.com/python/ref_func_compile.asp) | Returns the specified source as an object,  ready to be executed |
| [complex()](https://www.w3schools.com/python/ref_func_complex.asp) | Returns a complex number |
| [delattr()](https://www.w3schools.com/python/ref_func_delattr.asp) | Deletes the specified attribute (property or method)  from the specified object |
| [dict()](https://www.w3schools.com/python/ref_func_dict.asp) | Returns a dictionary (Array) |
| [dir()](https://www.w3schools.com/python/ref_func_dir.asp) | Returns a list of the specified object's  properties and methods |
| [divmod()](https://www.w3schools.com/python/ref_func_divmod.asp) | Returns the quotient and the remainder when  argument1 is divided by argument2 |
| [enumerate()](https://www.w3schools.com/python/ref_func_enumerate.asp) | Takes a collection (e.g. a tuple) and returns it as an  enumerate object |
| [eval()](https://www.w3schools.com/python/ref_func_eval.asp) | Evaluates and executes an expression |
| [exec()](https://www.w3schools.com/python/ref_func_exec.asp) | Executes the specified code (or object) |
| [filter()](https://www.w3schools.com/python/ref_func_filter.asp) | Use a filter function to exclude items  in an iterable object |
| [float()](https://www.w3schools.com/python/ref_func_float.asp) | Returns a floating point number |
| [format()](https://www.w3schools.com/python/ref_func_format.asp) | Formats a specified value |
| [frozenset()](https://www.w3schools.com/python/ref_func_frozenset.asp) | Returns a frozenset object |
| [getattr()](https://www.w3schools.com/python/ref_func_getattr.asp) | Returns the value of the specified attribute  (property or method) |
| [globals()](https://www.w3schools.com/python/ref_func_globals.asp) | Returns the current global symbol table as a dictionary |
| [hasattr()](https://www.w3schools.com/python/ref_func_hasattr.asp) | Returns True if the specified object has the specified  attribute (property/method) |
| hash() | Returns the hash value of a specified object |
| help() | Executes the built-in help system |
| [hex()](https://www.w3schools.com/python/ref_func_hex.asp) | Converts a number into a hexadecimal value |
| [id()](https://www.w3schools.com/python/ref_func_id.asp) | Returns the id of an object |
| [input()](https://www.w3schools.com/python/ref_func_input.asp) | Allowing user input |
| [int()](https://www.w3schools.com/python/ref_func_int.asp) | Returns an integer number |
| [isinstance()](https://www.w3schools.com/python/ref_func_isinstance.asp) | Returns True if a specified object is an instance  of a specified object |
| [issubclass()](https://www.w3schools.com/python/ref_func_issubclass.asp) | Returns True if a specified class is a subclass of  a specified object |
| [iter()](https://www.w3schools.com/python/ref_func_iter.asp) | Returns an iterator object |
| [len()](https://www.w3schools.com/python/ref_func_len.asp) | Returns the length of an object |
| [list()](https://www.w3schools.com/python/ref_func_list.asp) | Returns a list |
| [locals()](https://www.w3schools.com/python/ref_func_locals.asp) | Returns an updated dictionary of the current  local symbol table |
| [map()](https://www.w3schools.com/python/ref_func_map.asp) | Returns the specified iterator with the  specified function applied to each item |
| [max()](https://www.w3schools.com/python/ref_func_max.asp) | Returns the largest item in an iterable |
| [memoryview()](https://www.w3schools.com/python/ref_func_memoryview.asp) | Returns a memory view object |
| [min()](https://www.w3schools.com/python/ref_func_min.asp) | Returns the smallest item in an iterable |
| [next()](https://www.w3schools.com/python/ref_func_next.asp) | Returns the next item in an iterable |
| [object()](https://www.w3schools.com/python/ref_func_object.asp) | Returns a new object |
| [oct()](https://www.w3schools.com/python/ref_func_oct.asp) | Converts a number into an octal |
| [open()](https://www.w3schools.com/python/ref_func_open.asp) | Opens a file and returns a file object |
| [ord()](https://www.w3schools.com/python/ref_func_ord.asp) | Convert an integer representing the Unicode  of the specified character |
| [pow()](https://www.w3schools.com/python/ref_func_pow.asp) | Returns the value of x to the power of y |
| [print()](https://www.w3schools.com/python/ref_func_print.asp) | Prints to the standard output device |
| property() | Gets, sets, deletes a property |
| [range()](https://www.w3schools.com/python/ref_func_range.asp) | Returns a sequence of numbers,  starting from 0 and increments by 1 (by default) |
| repr() | Returns a readable version of an object |
| [reversed()](https://www.w3schools.com/python/ref_func_reversed.asp) | Returns a reversed iterator |
| [round()](https://www.w3schools.com/python/ref_func_round.asp) | Rounds a numbers |
| [set()](https://www.w3schools.com/python/ref_func_set.asp) | Returns a new set object |
| [setattr()](https://www.w3schools.com/python/ref_func_setattr.asp) | Sets an attribute (property/method) of an object |
| [slice()](https://www.w3schools.com/python/ref_func_slice.asp) | Returns a slice object |
| [sorted()](https://www.w3schools.com/python/ref_func_sorted.asp) | Returns a sorted list |
| staticmethod() | Converts a method into a static method |
| [str()](https://www.w3schools.com/python/ref_func_str.asp) | Returns a string object |
| [sum()](https://www.w3schools.com/python/ref_func_sum.asp) | Sums the items of an iterator |
| [super()](https://www.w3schools.com/python/ref_func_super.asp) | Returns an object that represents the parent class |
| [tuple()](https://www.w3schools.com/python/ref_func_tuple.asp) | Returns a tuple |
| [type()](https://www.w3schools.com/python/ref_func_type.asp) | Returns the type of an object |
| [vars()](https://www.w3schools.com/python/ref_func_vars.asp) | Returns the \_\_dict\_\_ property of an object |
| [zip()](https://www.w3schools.com/python/ref_func_zip.asp) | Returns an iterator, from two or more iterators |