



# Python Built in Functions

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Python has a set of built-in functions.

Function	Description
<a href="#"><u>abs()</u></a>	Returns the absolute value of a number
<a href="#"><u>all()</u></a>	Returns True if all items in an iterable object are true
<a href="#"><u>any()</u></a>	Returns True if any item in an iterable object is true
<a href="#"><u>ascii()</u></a>	Returns a readable version of an object. Replaces none-ascii characters with escape character
<a href="#"><u>bin()</u></a>	Returns the binary version of a number
<a href="#"><u>bool()</u></a>	Returns the boolean value of the specified object
<a href="#"><u>bytearray()</u></a>	Returns an array of bytes
<a href="#"><u>bytes()</u></a>	Returns a bytes object
<a href="#"><u>callable()</u></a>	Returns True if the specified object is callable, otherwise False
<a href="#"><u>chr()</u></a>	Returns a character from the specified Unicode code.
<a href="#"><u>classmethod()</u></a>	Converts a method into a class method
<a href="#"><u>compile()</u></a>	Returns the specified source as an object, ready to be executed
<a href="#"><u>complex()</u></a>	Returns a complex number
<a href="#"><u>delattr()</u></a>	Deletes the specified attribute (property or method) from the specified object
<a href="#"><u>dict()</u></a>	Returns a dictionary (Array)



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<u>divmod()</u> .	Returns the quotient and the remainder when argument1 is divided by argument2
<u>enumerate()</u> .	Takes a collection (e.g. a tuple) and returns it as an enumerate object
<u>eval()</u> .	Evaluates and executes an expression
<u>exec()</u> .	Executes the specified code (or object)
<u>filter()</u> .	Use a filter function to exclude items in an iterable object
<u>float()</u> .	Returns a floating point number
<u>format()</u> .	Formats a specified value
<u>frozenset()</u> .	Returns a frozenset object
<u>getattr()</u> .	Returns the value of the specified attribute (property or method)
<u>globals()</u> .	Returns the current global symbol table as a dictionary
<u>hasattr()</u> .	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
<u>hex()</u> .	Converts a number into a hexadecimal value
<u>id()</u> .	Returns the id of an object
<u>input()</u> .	Allowing user input
<u>int()</u> .	Returns an integer number
<u>isinstance()</u> .	Returns True if a specified object is an instance of a specified object
<u>issubclass()</u> .	Returns True if a specified class is a subclass of a specified object
<u>iter()</u> .	Returns an iterator object
<u>len()</u> .	Returns the length of an object
<u>list()</u> .	Returns a list



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<u>map()</u> .	Returns the specified iterator with the specified function applied to each item
<u>max()</u> .	Returns the largest item in an iterable
<u>memoryview()</u> .	Returns a memory view object
<u>min()</u> .	Returns the smallest item in an iterable
<u>next()</u> .	Returns the next item in an iterable
<u>object()</u> .	Returns a new object
<u>oct()</u> .	Converts a number into an octal
<u>open()</u> .	Opens a file and returns a file object
<u>ord()</u> .	Convert an integer representing the Unicode of the specified character
<u>pow()</u> .	Returns the value of x to the power of y
<u>print()</u> .	Prints to the standard output device
<u>property()</u>	Gets, sets, deletes a property
<u>range()</u> .	Returns a sequence of numbers, starting from 0 and increments by 1 (by default)
<u>repr()</u>	Returns a readable version of an object
<u>reversed()</u> .	Returns a reversed iterator
<u>round()</u> .	Rounds a numbers
<u>set()</u> .	Returns a new set object
<u>setattr()</u> .	Sets an attribute (property/method) of an object
<u>slice()</u> .	Returns a slice object
<u>sorted()</u> .	Returns a sorted list
<u>@staticmethod()</u>	Converts a method into a static method
<u>str()</u> .	Returns a string object
<u>sum()</u> .	Sums the items of an iterator
<u>super()</u> .	Returns an object that represents the parent class

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<code>type()</code>	Returns the type of an object
<code>vars()</code>	Returns the <code>__dict__</code> property of an object
<code>zip()</code>	Returns an iterator, from two or more iterators

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