**Built-in Functions**

[abs()](https://www.codecademy.com/resources/docs/python/built-in-functions/abs" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the absolute value of a numeric argument.

[all()](https://www.codecademy.com/resources/docs/python/built-in-functions/all" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns True if every item in an iterable evaluates to True, otherwise, it returns False.

[any()](https://www.codecademy.com/resources/docs/python/built-in-functions/any" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes in an iterable object such as a list or tuple and returns True if any of the elements in the iterable are True. If none of the elements in the iterable are True, returns False.

[ascii()](https://www.codecademy.com/resources/docs/python/built-in-functions/ascii" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Receives as input an object containing string data, and returns the object as a printable representation with escapes for non-ASCII characters (accented characters).

[bin()](https://www.codecademy.com/resources/docs/python/built-in-functions/bin" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Converts an integer into its binary equivalent string.

[bool()](https://www.codecademy.com/resources/docs/python/built-in-functions/bool" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Converts a value to a Boolean True or False value.

[breakpoint()](https://www.codecademy.com/resources/docs/python/built-in-functions/breakpoint" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Engages, configures, and changes the debugger program used in a script.

[bytearray()](https://www.codecademy.com/resources/docs/python/built-in-functions/bytearray" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns an array of the given bytes of an object.

[bytes()](https://www.codecademy.com/resources/docs/python/built-in-functions/bytes" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a byte immutable object representing the given bytes of an object.

[callable()](https://www.codecademy.com/resources/docs/python/built-in-functions/callable" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns True if an object is callable, and False if an object is not callable.

[chr()](https://www.codecademy.com/resources/docs/python/built-in-functions/chr" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns Unicode characters represented by integers ranging between 0 and 1,114,111.

[classmethod()](https://www.codecademy.com/resources/docs/python/built-in-functions/classmethod" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Converts a given function into a class method.

[compile()](https://www.codecademy.com/resources/docs/python/built-in-functions/compile" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a runnable code object created from a string.

[complex()](https://www.codecademy.com/resources/docs/python/built-in-functions/complex" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Converts a given string into a complex number.

[delattr()](https://www.codecademy.com/resources/docs/python/built-in-functions/delattr" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Allows the user to delete attributes from an object.

[dict()](https://www.codecademy.com/resources/docs/python/built-in-functions/dict" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Initializes a new dictionary from mapping n-number of object (key, value) pairs.

[eval()](https://www.codecademy.com/resources/docs/python/built-in-functions/eval" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the value of a Python expression passed as a string.

[filter()](https://www.codecademy.com/resources/docs/python/built-in-functions/filter" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a filter object that applies a function to each item in an iterable and returns the values that are True.

[float()](https://www.codecademy.com/resources/docs/python/built-in-functions/float" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a float value based on a string, numeric data type, or no value at all.

[frozenset()](https://www.codecademy.com/resources/docs/python/built-in-functions/frozenset" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a new frozenset using an optional iterable object such as a string or list.

[hasattr()](https://www.codecademy.com/resources/docs/python/built-in-functions/hasattr" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns True if an object has an attribute and False otherwise.

[help()](https://www.codecademy.com/resources/docs/python/built-in-functions/help" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Displays documentation of an object using the Python help utility.

[input()](https://www.codecademy.com/resources/docs/python/built-in-functions/input" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Prompts the user for data and returns it as a string.

[int()](https://www.codecademy.com/resources/docs/python/built-in-functions/int" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes in a value that can be converted into an integer, and returns a copy of the value in the int datatype.

[len()](https://www.codecademy.com/resources/docs/python/built-in-functions/len" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the length of an object, which can either be a sequence or collection.

[list()](https://www.codecademy.com/resources/docs/python/built-in-functions/list" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a list from an iterable.

[map()](https://www.codecademy.com/resources/docs/python/built-in-functions/map" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns an iterator that takes a function and applies it to every item in an iterable.

[max()](https://www.codecademy.com/resources/docs/python/built-in-functions/max" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the highest value from values given or an iterable.

[min()](https://www.codecademy.com/resources/docs/python/built-in-functions/min" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the lowest value from values given or an iterable.

[next()](https://www.codecademy.com/resources/docs/python/built-in-functions/next" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the next element from an iterable object.

[open()](https://www.codecademy.com/resources/docs/python/built-in-functions/open" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Used for opening files in a Python program.

[pow()](https://www.codecademy.com/resources/docs/python/built-in-functions/pow" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the value of a base number x to the power of an exponent y, with an optional modulus z.

[print()](https://www.codecademy.com/resources/docs/python/built-in-functions/print" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Prints the string representation of an object.

[range()](https://www.codecademy.com/resources/docs/python/built-in-functions/range" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a sequence of numbers based on the given range

[reversed()](https://www.codecademy.com/resources/docs/python/built-in-functions/reversed" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes in an iterator object, such as a list or string, and returns a reversed iterator object.

[round()](https://www.codecademy.com/resources/docs/python/built-in-functions/round" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes a number and an integer as parameters, and returns the number with decimal places equal to the integer.

[set()](https://www.codecademy.com/resources/docs/python/built-in-functions/set" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a new set based on an optional iterable object such as a list.

[sorted()](https://www.codecademy.com/resources/docs/python/built-in-functions/sorted" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes in an iterator object, such as a list, tuple, dictionary, set, or string, and sorts it according to a parameter.

[str()](https://www.codecademy.com/resources/docs/python/built-in-functions/str" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes in a value that can be converted into a string, and returns a copy of the value in the string datatype.

[super()](https://www.codecademy.com/resources/docs/python/built-in-functions/super" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns a temporary object that allows a given class to inherit the methods and properties of a parent or sibling class.

[tuple()](https://www.codecademy.com/resources/docs/python/built-in-functions/tuple" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Creates a new tuple.

[type()](https://www.codecademy.com/resources/docs/python/built-in-functions/type" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Returns the data type of the argument passed to the function.

[zip()](https://www.codecademy.com/resources/docs/python/built-in-functions/zip" \t "https://academy.powerlearnprojectafrica.org/course-module/62fbec9d28ac4762bc524f92/week/62fe1efd28ac4762bc524f9c/lesson/_blank)

Takes multiple iterators as input and returns a single zip object made up of a list of tuples.