[](https://www.w3schools.com/) Tutorials  Exercises  Services  

[HTML](https://www.w3schools.com/html/default.asp)

 [Plus](https://www.w3schools.com/plus/index.php)

 [Spaces](https://www.w3schools.com/spaces/index.php)

 [Get Certified](https://campus.w3schools.com/collections/course-catalog)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) | [CSS](https://www.w3schools.com/css/default.asp) | [JAVASCRIPT](https://www.w3schools.com/js/default.asp) | [SQL](https://www.w3schools.com/sql/default.asp) | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) | [PHP](https://www.w3schools.com/php/default.asp) | [HOW](https://www.w3schools.com/howto/default.asp) | [TO](https://www.w3schools.com/howto/default.asp) | [W3.CSS](https://www.w3schools.com/w3css/default.asp) | [C](https://www.w3schools.com/c/index.php) | [C++](https://www.w3schools.com/cpp/default.asp) | [C#](https://www.w3schools.com/cs/index.php) | [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) | [REACT](https://www.w3schools.com/react/default.asp) | [MYSQL](https://www.w3schools.com/mysql/default.asp) |

Python Examples

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

[❮ **Previous**](https://www.w3schools.com/python/python_howto_add_two_numbers.asp)

[**Next** ❯](https://www.w3schools.com/python/python_compiler.asp)

Python Syntax

|  |
| --- |
| [Print "Hello World"](https://www.w3schools.com/python/trypython.asp?filename=demo_default) |
| [Comments in Python](https://www.w3schools.com/python/trypython.asp?filename=demo_comment) |
| [Docstrings](https://www.w3schools.com/python/trypython.asp?filename=demo_docstring) |

[**Syntax Explained**](https://www.w3schools.com/python/python_syntax.asp)

Python Variables

|  |
| --- |
| [Create a variable](https://www.w3schools.com/python/trypython.asp?filename=demo_variables1) |
| [Output both text and a variable](https://www.w3schools.com/python/trypython.asp?filename=demo_variables3) |
| [Add a variable to another variable](https://www.w3schools.com/python/trypython.asp?filename=demo_variables4) |

[**Variables Explained**](https://www.w3schools.com/python/python_variables.asp)

Python Numbers

|  |
| --- |
| [Verify the type of an object](https://www.w3schools.com/python/trypython.asp?filename=demo_numbers) |
| [Create integers](https://www.w3schools.com/python/trypython.asp?filename=demo_numbers_int) |
| [Create floating point numbers](https://www.w3schools.com/python/trypython.asp?filename=demo_numbers_float) |
| [Create scientific numbers with an "e" to indicate the power of 10](https://www.w3schools.com/python/trypython.asp?filename=demo_numbers_float2) |
| [Create complex numbers](https://www.w3schools.com/python/trypython.asp?filename=demo_numbers_complex) |

[**Numbers Explained**](https://www.w3schools.com/python/python_numbers.asp)

Python Casting

|  |
| --- |
| [Casting - Integers](https://www.w3schools.com/python/trypython.asp?filename=demo_casting_int) |
| [Casting - Floats](https://www.w3schools.com/python/trypython.asp?filename=demo_float) |
| [Casting - Strings](https://www.w3schools.com/python/trypython.asp?filename=demo_string) |

[**Casting Explained**](https://www.w3schools.com/python/python_casting.asp)



Python Strings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) [CSS](https://www.w3schools.com/css/default.asp) [JAVASCRIPT](https://www.w3schools.com/js/default.asp) [SQL](https://www.w3schools.com/sql/default.asp) | | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) [PHP](https://www.w3schools.com/php/default.asp) [HOW TO](https://www.w3schools.com/howto/default.asp) [W3.CSS](https://www.w3schools.com/w3css/default.asp) [C](https://www.w3schools.com/c/index.php) [C++](https://www.w3schools.com/cpp/default.asp) [C#](https://www.w3schools.com/cs/index.php) [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) [REACT](https://www.w3schools.com/react/default.asp) [MYSQL](https://www.w3schools.com/mysql/default.asp) | |
|  | [Remove whitespace from the beginning or at the end of a string](https://www.w3schools.com/python/trypython.asp?filename=demo_string_strip) | | |  |
|  | [Return the length of a string](https://www.w3schools.com/python/trypython.asp?filename=demo_string_len) | | |  |
|  | [Convert a string to lower case](https://www.w3schools.com/python/trypython.asp?filename=demo_string_lower) | | |  |
|  | [Convert a string to upper case](https://www.w3schools.com/python/trypython.asp?filename=demo_string_upper) | | |  |
|  | [Replace a string with another string](https://www.w3schools.com/python/trypython.asp?filename=demo_string_replace) | | |  |
|  | [Split a string into substrings](https://www.w3schools.com/python/trypython.asp?filename=demo_string_split) | | |  |

[**Strings Explained**](https://www.w3schools.com/python/python_strings.asp)

[Substring. Get the characters from position 2 to position 5 (not included)](https://www.w3schools.com/python/trypython.asp?filename=demo_string2)

[HTML](https://www.w3schools.com/html/default.asp)

Python Operators



|  |
| --- |
| [Addition operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_add) |
| [Subtraction operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_sub) |
| [Multiplication operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_mult) |
| [Division operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_div) |
| [Modulus operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_mod) |
| [Assignment operator](https://www.w3schools.com/python/trypython.asp?filename=demo_oper_ass1) |

[**Operators Explained**](https://www.w3schools.com/python/python_operators.asp)

Python Lists

|  |
| --- |
| [Create a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list) |
| [Access list items](https://www.w3schools.com/python/trypython.asp?filename=demo_list_access) |
| [Change the value of a list item](https://www.w3schools.com/python/trypython.asp?filename=demo_list_change) |
| [Loop through a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list_loop) |
| [Check if a list item exists](https://www.w3schools.com/python/trypython.asp?filename=demo_list_in) |
| [Get the length of a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list_len) |
| [Add an item to the end of a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list_append) |
| [Add an item at a specified index](https://www.w3schools.com/python/trypython.asp?filename=demo_list_insert) |
| [Remove an item](https://www.w3schools.com/python/trypython.asp?filename=demo_list_remove) |
| [Remove the last item](https://www.w3schools.com/python/trypython.asp?filename=demo_list_pop) |
| [Remove an item at a specified index](https://www.w3schools.com/python/trypython.asp?filename=demo_list_del) |
| [Empty a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list_clear) |
| [Using the list() constructor to make a list](https://www.w3schools.com/python/trypython.asp?filename=demo_list_constructor) |

[**Lists Explained**](https://www.w3schools.com/python/python_lists.asp)

Python Tuples

|  |
| --- |
| [Create a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple) |
| [Access tuple items](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple1) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) [CSS](https://www.w3schools.com/css/default.asp) [JAVASCRIPT](https://www.w3schools.com/js/default.asp) [SQL](https://www.w3schools.com/sql/default.asp) | | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) [PHP](https://www.w3schools.com/php/default.asp) [HOW TO](https://www.w3schools.com/howto/default.asp) [W3.CSS](https://www.w3schools.com/w3css/default.asp) [C](https://www.w3schools.com/c/index.php) [C++](https://www.w3schools.com/cpp/default.asp) [C#](https://www.w3schools.com/cs/index.php) [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) [REACT](https://www.w3schools.com/react/default.asp) [MYSQL](https://www.w3schools.com/mysql/default.asp) | |
|  | [Check if a tuple item exists](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple_in) | | |  |
| [Get the length of a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple_length) | | |
| [Delete a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple_del) | | |
| [Using the tuple() constructor to create a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple3) | | |

[**Tuples Explained**](https://www.w3schools.com/python/python_tuples.asp)

[Loop through a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_tuple_loop)

[HTML](https://www.w3schools.com/html/default.asp)



Python Sets

|  |
| --- |
| [Create a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set) |
| [Loop through a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_loop) |
| [Check if an item exists](https://www.w3schools.com/python/trypython.asp?filename=demo_set_in) |
| [Add an item to a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_add) |
| [Add multiple items to a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_update) |
| [Get the length of a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_length) |
| [Remove an item in a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_remove) |
| [Remove an item in a set by using the discard() method](https://www.w3schools.com/python/trypython.asp?filename=demo_set_discard) |
| [Remove the last item in a set by using the pop() method](https://www.w3schools.com/python/trypython.asp?filename=demo_set_pop) |
| [Empty a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_clear) |
| [Delete a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set_del) |
| [Using the set() constructor to create a set](https://www.w3schools.com/python/trypython.asp?filename=demo_set2) |

[**Sets Explained**](https://www.w3schools.com/python/python_sets.asp)

Python Dictionaries

|  |
| --- |
| [Create a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary) |
| [Access the items of a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_access) |
| [Change the value of a specific item in a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_change) |
| [Print all key names in a dictionary, one by one](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_loop) |
| [Print all values in a dictionary, one by one](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_loop2) |
| [Using the values() function to return values of a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_loop_values) |
| [Loop through both keys an values, by using the items() function](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_loop_items) |
| [Check if a key exists](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_in) |
| [Get the length of a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_length) |
| [Add an item to a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_add) |
| [Remove an item from a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_pop) |
| [Empty a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_clear) |
| [Using the dict() constructor to create a dictionary](https://www.w3schools.com/python/trypython.asp?filename=demo_dictionary_dict) |

[**Dictionaries Explained**](https://www.w3schools.com/python/python_dictionaries.asp)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) [CSS](https://www.w3schools.com/css/default.asp) [JAVASCRIPT](https://www.w3schools.com/js/default.asp) [SQL](https://www.w3schools.com/sql/default.asp) | | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) [PHP](https://www.w3schools.com/php/default.asp) [HOW TO](https://www.w3schools.com/howto/default.asp) [W3.CSS](https://www.w3schools.com/w3css/default.asp) [C](https://www.w3schools.com/c/index.php) [C++](https://www.w3schools.com/cpp/default.asp) [C#](https://www.w3schools.com/cs/index.php) [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) [REACT](https://www.w3schools.com/react/default.asp) [MYSQL](https://www.w3schools.com/mysql/default.asp) | |
|  |  | | |  |
| [The elif statement](https://www.w3schools.com/python/trypython.asp?filename=demo_if_elif) | | |
| [The else statement](https://www.w3schools.com/python/trypython.asp?filename=demo_if_else) | | |
| [Short hand if](https://www.w3schools.com/python/trypython.asp?filename=demo_if_short) | | |
| [Short hand if ... else](https://www.w3schools.com/python/trypython.asp?filename=demo_if_else_short) | | |
| [The and keyword](https://www.w3schools.com/python/trypython.asp?filename=demo_if_and) | | |
| [The or keyword](https://www.w3schools.com/python/trypython.asp?filename=demo_if_or) | | |

[**If ... Else Explained**](https://www.w3schools.com/python/python_conditions.asp)

[The](https://www.w3schools.com/html/default.asp) [if](https://www.w3schools.com/css/default.asp) [statement](https://www.w3schools.com/python/trypython.asp?filename=demo_if2)

[HTML](https://www.w3schools.com/html/default.asp)

Python While Loop



|  |
| --- |
| [The while loop](https://www.w3schools.com/python/trypython.asp?filename=demo_while) |
| [Using the break statement in a while loop](https://www.w3schools.com/python/trypython.asp?filename=demo_while_break) |
| [Using the continue statement in a while loop](https://www.w3schools.com/python/trypython.asp?filename=demo_while_continue) |

[**While Loop Explained**](https://www.w3schools.com/python/python_while_loops.asp)

Python For Loop

|  |
| --- |
| [The for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for) |
| [Loop through a string](https://www.w3schools.com/python/trypython.asp?filename=demo_for_string) |
| [Using the break statement in a for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for_break) |
| [Using the continue statement in a for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for_continue) |
| [Using the range() function in a for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for_range) |
| [Else in for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for_else) |
| [Nested for loop](https://www.w3schools.com/python/trypython.asp?filename=demo_for_nested) |

[**For Loop Explained**](https://www.w3schools.com/python/python_for_loops.asp)

Python Functions

|  |
| --- |
| [Create and call a function](https://www.w3schools.com/python/trypython.asp?filename=demo_function) |
| [Function parameters](https://www.w3schools.com/python/trypython.asp?filename=demo_function_param) |
| [Default parameter value](https://www.w3schools.com/python/trypython.asp?filename=demo_function_param2) |
| [Let a function return a value](https://www.w3schools.com/python/trypython.asp?filename=demo_function_return) |
| [Recursion](https://www.w3schools.com/python/trypython.asp?filename=demo_recursion) |

[**Functions Explained**](https://www.w3schools.com/python/python_functions.asp)

Python Lambda

|  |
| --- |
| [A lambda function that adds 10 to the number passed in as an argument](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda) |
| [A lambda function that multiplies argument a with argument b](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda2) |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) | [CSS](https://www.w3schools.com/css/default.asp) | [JAVASCRIPT](https://www.w3schools.com/js/default.asp) | [SQL](https://www.w3schools.com/sql/default.asp) | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) | [PHP](https://www.w3schools.com/php/default.asp) | [HOW](https://www.w3schools.com/howto/default.asp) | [TO](https://www.w3schools.com/howto/default.asp) | [W3.CSS](https://www.w3schools.com/w3css/default.asp) | [C](https://www.w3schools.com/c/index.php) | [C++](https://www.w3schools.com/cpp/default.asp) | [C#](https://www.w3schools.com/cs/index.php) | [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) | [REACT](https://www.w3schools.com/react/default.asp) | [MYSQL](https://www.w3schools.com/mysql/default.asp) |

Python Arrays

[**La**](https://www.w3schools.com/html/default.asp)[**m**](https://www.w3schools.com/python/python_lambda.asp)[**bda Ex**](https://www.w3schools.com/css/default.asp)[**plained**](https://www.w3schools.com/js/default.asp)

[HTML](https://www.w3schools.com/html/default.asp)

[A](https://www.w3schools.com/) [lambda function that sums argument a, b, and c](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda3)



[](https://www.w3schools.com/)

[Tutorials ](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda3)

[Exercises  Services ](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda3)

[](https://www.w3schools.com/python/trypython.asp?filename=demo_lambda3)

[Plus](https://www.w3schools.com/plus/index.php)

[Spaces](https://www.w3schools.com/spaces/index.php)

[Get Certified](https://campus.w3schools.com/collections/course-catalog)

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

|  |
| --- |
| [Create an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array1) |
| [Access the elements of an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array2) |
| [Change the value of an array element](https://www.w3schools.com/python/trypython.asp?filename=demo_array3) |
| [Get the length of an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array4) |
| [Loop through all elements of an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array5) |
| [Add an element to an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array6) |
| [Remove an element from an array](https://www.w3schools.com/python/trypython.asp?filename=demo_array7) |

[**Arrays Explained**](https://www.w3schools.com/python/python_arrays.asp)

Python Classes and Objects

|  |
| --- |
| [Create a class](https://www.w3schools.com/python/trypython.asp?filename=demo_class1) |
| [Create an object](https://www.w3schools.com/python/trypython.asp?filename=demo_class2) |
| [The init () Function](https://www.w3schools.com/python/trypython.asp?filename=demo_class3) |
| [Create object methods](https://www.w3schools.com/python/trypython.asp?filename=demo_class4) |
| [The self parameter](https://www.w3schools.com/python/trypython.asp?filename=demo_class5) |
| [Modify object properties](https://www.w3schools.com/python/trypython.asp?filename=demo_class6) |
| [Delete object properties](https://www.w3schools.com/python/trypython.asp?filename=demo_class7) |
| [Delete an object](https://www.w3schools.com/python/trypython.asp?filename=demo_class8) |

[**Classes/Objects Explained**](https://www.w3schools.com/python/python_classes.asp)

Python Iterators

|  |
| --- |
| [Return an iterator from a tuple](https://www.w3schools.com/python/trypython.asp?filename=demo_iterator) |
| [Return an iterator from a string](https://www.w3schools.com/python/trypython.asp?filename=demo_iterator2) |
| [Loop through an iterator](https://www.w3schools.com/python/trypython.asp?filename=demo_iterator_loop) |
| [Create an iterator](https://www.w3schools.com/python/trypython.asp?filename=demo_iterator_create) |
| [Stop iteration](https://www.w3schools.com/python/trypython.asp?filename=demo_iterator_create2) |

[**Iterators Explained**](https://www.w3schools.com/python/python_iterators.asp)

Python Modules

|  |
| --- |
| [Use a module](https://www.w3schools.com/python/trypython.asp?filename=demo_module1) |
| [Variables in module](https://www.w3schools.com/python/trypython.asp?filename=demo_module2) |
| [Re-naming a module](https://www.w3schools.com/python/trypython.asp?filename=demo_module3) |
| [Built-in modules](https://www.w3schools.com/python/trypython.asp?filename=demo_module4) |



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) | [CSS](https://www.w3schools.com/css/default.asp) | [JAVASCRIPT](https://www.w3schools.com/js/default.asp) | [SQL](https://www.w3schools.com/sql/default.asp) | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) | [PHP](https://www.w3schools.com/php/default.asp) | [HOW](https://www.w3schools.com/howto/default.asp) | [TO](https://www.w3schools.com/howto/default.asp) | [W3.CSS](https://www.w3schools.com/w3css/default.asp) | [C](https://www.w3schools.com/c/index.php) | [C++](https://www.w3schools.com/cpp/default.asp) | [C#](https://www.w3schools.com/cs/index.php) | [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) | [REACT](https://www.w3schools.com/react/default.asp) | [MYSQL](https://www.w3schools.com/mysql/default.asp) |

[**Modules Explained**](https://www.w3schools.com/python/python_modules.asp)

Python Dates

[Import from module](https://www.w3schools.com/python/trypython.asp?filename=demo_module6)

[HTML](https://www.w3schools.com/html/default.asp)

[Using the dir() function](https://www.w3schools.com/python/trypython.asp?filename=demo_module5)



[](https://www.w3schools.com/)

[Tutorials ](https://www.w3schools.com/python/trypython.asp?filename=demo_module5)

[Exercises  Services ](https://www.w3schools.com/python/trypython.asp?filename=demo_module5)

[](https://www.w3schools.com/python/trypython.asp?filename=demo_module5)

[Plus](https://www.w3schools.com/plus/index.php)

[Spaces](https://www.w3schools.com/spaces/index.php)

[Get Certified](https://campus.w3schools.com/collections/course-catalog)

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

|  |
| --- |
| [Import the datetime module and display the current date](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime1) |
| [Return the year and name of weekday](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime2) |
| [Create a date object](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime3) |
| [The strftime() Method](https://www.w3schools.com/python/trypython.asp?filename=demo_datetime_strftime) |

[**Dates Explained**](https://www.w3schools.com/python/python_datetime.asp)

Python Math

|  |
| --- |
| [Find the lowest and highest value in an iterable](https://www.w3schools.com/python/trypython.asp?filename=demo_math_min_max) |
| [Return the absolute value of a number](https://www.w3schools.com/python/trypython.asp?filename=demo_math_abs) |
| [Return the value of x to the power of y (xy)](https://www.w3schools.com/python/trypython.asp?filename=demo_math_pow) |
| [Return the square root of a number](https://www.w3schools.com/python/trypython.asp?filename=demo_math_sqrt) |
| [Round a number upwards and downwards to its nearest integer](https://www.w3schools.com/python/trypython.asp?filename=demo_math_ceil_floor) |
| [Return the value of PI](https://www.w3schools.com/python/trypython.asp?filename=demo_math_pi) |

[**Math Explained**](https://www.w3schools.com/python/python_math.asp)

Python JSON

|  |
| --- |
| [Convert from JSON to Python](https://www.w3schools.com/python/trypython.asp?filename=demo_json) |
| [Convert from Python to JSON](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python) |
| [Convert Python objects into JSON strings](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python_all) |
| [Convert a Python object containing all the legal data types](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python_all_in_one) |
| [Use the indent parameter to define the numbers of indents](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python_indent) |
| [Use the separators parameter to change the default separator](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python_separators) |
| [Use the sort\_keys parameter to specify if the result should be sorted or not](https://www.w3schools.com/python/trypython.asp?filename=demo_json_from_python_sort_keys) |

[**JSON Explained**](https://www.w3schools.com/python/python_json.asp)

Python RegEx

|  |
| --- |
| [Search a string to see if it starts with "The" and ends with "Spain"](https://www.w3schools.com/python/trypython.asp?filename=demo_regex) |
| [Using the findall() function](https://www.w3schools.com/python/trypython.asp?filename=demo_regex_findall) |
| [Using the search() function](https://www.w3schools.com/python/trypython.asp?filename=demo_regex_search) |
| [Using the split() function](https://www.w3schools.com/python/trypython.asp?filename=demo_regex_split) |
| [Using the sub() function](https://www.w3schools.com/python/trypython.asp?filename=demo_regex_sub) |

[**RegEx Explained**](https://www.w3schools.com/python/python_regex.asp)



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) [CSS](https://www.w3schools.com/css/default.asp) [JAVASCRIPT](https://www.w3schools.com/js/default.asp) [SQL](https://www.w3schools.com/sql/default.asp) | | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) [PHP](https://www.w3schools.com/php/default.asp) [HOW TO](https://www.w3schools.com/howto/default.asp) [W3.CSS](https://www.w3schools.com/w3css/default.asp) [C](https://www.w3schools.com/c/index.php) [C++](https://www.w3schools.com/cpp/default.asp) [C#](https://www.w3schools.com/cs/index.php) [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) [REACT](https://www.w3schools.com/react/default.asp) [MYSQL](https://www.w3schools.com/mysql/default.asp) | |
|  | [Using a package](https://www.w3schools.com/python/trypython.asp?filename=demo_camelcase) | | |  |

[**PIP Explained**](https://www.w3schools.com/python/python_pip.asp)

Python Try Except

[HTML](https://www.w3schools.com/html/default.asp)

Python PIP



[](https://www.w3schools.com/)

Tutorials 

Exercises  Services 



[Plus](https://www.w3schools.com/plus/index.php)

[Spaces](https://www.w3schools.com/spaces/index.php)

[Get Certified](https://campus.w3schools.com/collections/course-catalog)

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

|  |
| --- |
| [When an error occurs, print a message](https://www.w3schools.com/python/trypython.asp?filename=demo_try_except) |
| [Many exceptions](https://www.w3schools.com/python/trypython.asp?filename=demo_try_except2) |
| [Use the else keyword to define a block of code to be executed if no errors were raised](https://www.w3schools.com/python/trypython.asp?filename=demo_try_except3) |
| [Use the finally block to execute code regardless if the try block raises an error or not](https://www.w3schools.com/python/trypython.asp?filename=demo_try_except4) |

[**Try Except Explained**](https://www.w3schools.com/python/python_try_except.asp)

Python File Handling

|  |
| --- |
| [Read a file](https://www.w3schools.com/python/showpython.asp?filename=demo_file_open) |
| [Read only parts of a file](https://www.w3schools.com/python/showpython.asp?filename=demo_file_open2) |
| [Read one line of a file](https://www.w3schools.com/python/showpython.asp?filename=demo_file_readline) |
| [Loop through the lines of a file to read the whole file, line by line](https://www.w3schools.com/python/showpython.asp?filename=demo_file_readline3) |

[**File Handling Explained**](https://www.w3schools.com/python/python_file_handling.asp)

Python MySQL

|  |
| --- |
| [Create a connection to a database](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_connection) |
| [Create a database in MySQL](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_create_db) |
| [Check if a database exist](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_show_databases) |
| [Create a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_create_table) |
| [Check if a table exist](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_show_tables) |
| [Create primary key when creating a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_primary_key) |
| [Insert a record in a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_insert) |
| [Insert multiple rows](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_insert_many) |
| [Get inserted ID](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_insert_id) |
| [Select all records from a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_select) |
| [Select only some of the columns in a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_select_columns) |
| [Use the fetchone() method to fetch only one row in a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_select_fetchone) |
| [Select with a filter](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_where) |
| [Wildcards characters](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_where_wildcard) |
| [Prevent SQL injection](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_where_escape) |
| [Sort the result of a table alphabetically](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_orderby) |
| [Sort the result in a descending order (reverse alphabetically)](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_orderby_desc) |
| [Delete records from an existing table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_delete) |

[Delete an existing table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_drop_table)

[HTML](https://www.w3schools.com/html/default.asp)

[Prev](https://www.w3schools.com/)[ent SQL injection](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_delete_escape)



[](https://www.w3schools.com/)

[Tutorials ](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_delete_escape)

[Exercises  Services ](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_delete_escape)

[](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_delete_escape)

[Plus](https://www.w3schools.com/plus/index.php)

[Spaces](https://www.w3schools.com/spaces/index.php)

[Get Certified](https://campus.w3schools.com/collections/course-catalog)

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) [CSS](https://www.w3schools.com/css/default.asp) [JAVASCRIPT](https://www.w3schools.com/js/default.asp) [SQL](https://www.w3schools.com/sql/default.asp) | | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) [PHP](https://www.w3schools.com/php/default.asp) [HOW TO](https://www.w3schools.com/howto/default.asp) [W3.CSS](https://www.w3schools.com/w3css/default.asp) [C](https://www.w3schools.com/c/index.php) [C++](https://www.w3schools.com/cpp/default.asp) [C#](https://www.w3schools.com/cs/index.php) [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) [REACT](https://www.w3schools.com/react/default.asp) [MYSQL](https://www.w3schools.com/mysql/default.asp) | |
|  | [Delete a table if it exist](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_drop_table2) | | |  |
| [Update existing records in a table](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_update) | | |
| [Prevent SQL injection](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_update_escape) | | |
| [Limit the number of records returned from a query](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_limit) | | |
| [Combine rows from two or more tables, based on a related column between them](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_inner_join) | | |
| [LEFT JOIN](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_left_join) | | |
| [RIGHT JOIN](https://www.w3schools.com/python/showpython.asp?filename=demo_mysql_right_join) | | |

[**MySQL Explained**](https://www.w3schools.com/python/python_mysql_getstarted.asp)

Python MongoDB

|  |
| --- |
| [Create a database](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_create_db) |
| [Check if a database exist](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_check_db) |
| [Create a collection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_create_collection) |
| [Check if a collection exist](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_check_collection) |
| [Insert into collection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_insert) |
| [Return the id field](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_insert_id) |
| [Insert multiple documents](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_insert_many) |
| [Insert multiple documents with specified IDs](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_insert_many2) |
| [Find the first document in the selection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_find_one) |
| [Find all documents in the selection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_find) |
| [Find only some fields](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_find_some) |
| [Filter the result](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_query) |
| [Advanced query](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_query_modifier) |
| [Filter with regular expressions](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_query_regex) |
| [Sort the result alphabetically](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_sort) |
| [Sort the result descending (reverse alphabetically)](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_sort2) |
| [Delete document](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_delete_one) |
| [Delete many documents](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_delete_many) |
| [Delete all documents in a collection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_delete_all) |
| [Delete a collection](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_drop_collection) |
| [Update a document](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_update_one) |
| [Update many/all documents](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_update_many) |
| [Limit the result](https://www.w3schools.com/python/showpython.asp?filename=demo_mongodb_limit) |

[**MongoDB Explained**](https://www.w3schools.com/python/python_mongodb_getstarted.asp)

[❮ **Previous**](https://www.w3schools.com/python/python_howto_add_two_numbers.asp)



[**Next** ❯](https://www.w3schools.com/python/python_compiler.asp)



[HTML](https://www.w3schools.com/html/default.asp)

**W3schools Pathfinder**

**Track your** [**progress**](https://www.w3schools.com/plus/index.php) **- i**[**t's free!**](https://www.w3schools.com/spaces/index.php)[Si](https://campus.w3schools.com/collections/course-catalog)[gn](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fpathfinder.w3schools.com&amp;origin=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Up Log in](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)



[](https://www.w3schools.com/)

Tutorials 

Exercises 

Services 



[Plus](https://www.w3schools.com/plus/index.php)

[Spaces](https://www.w3schools.com/spaces/index.php)

[Get Certified](https://campus.w3schools.com/collections/course-catalog)

[Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

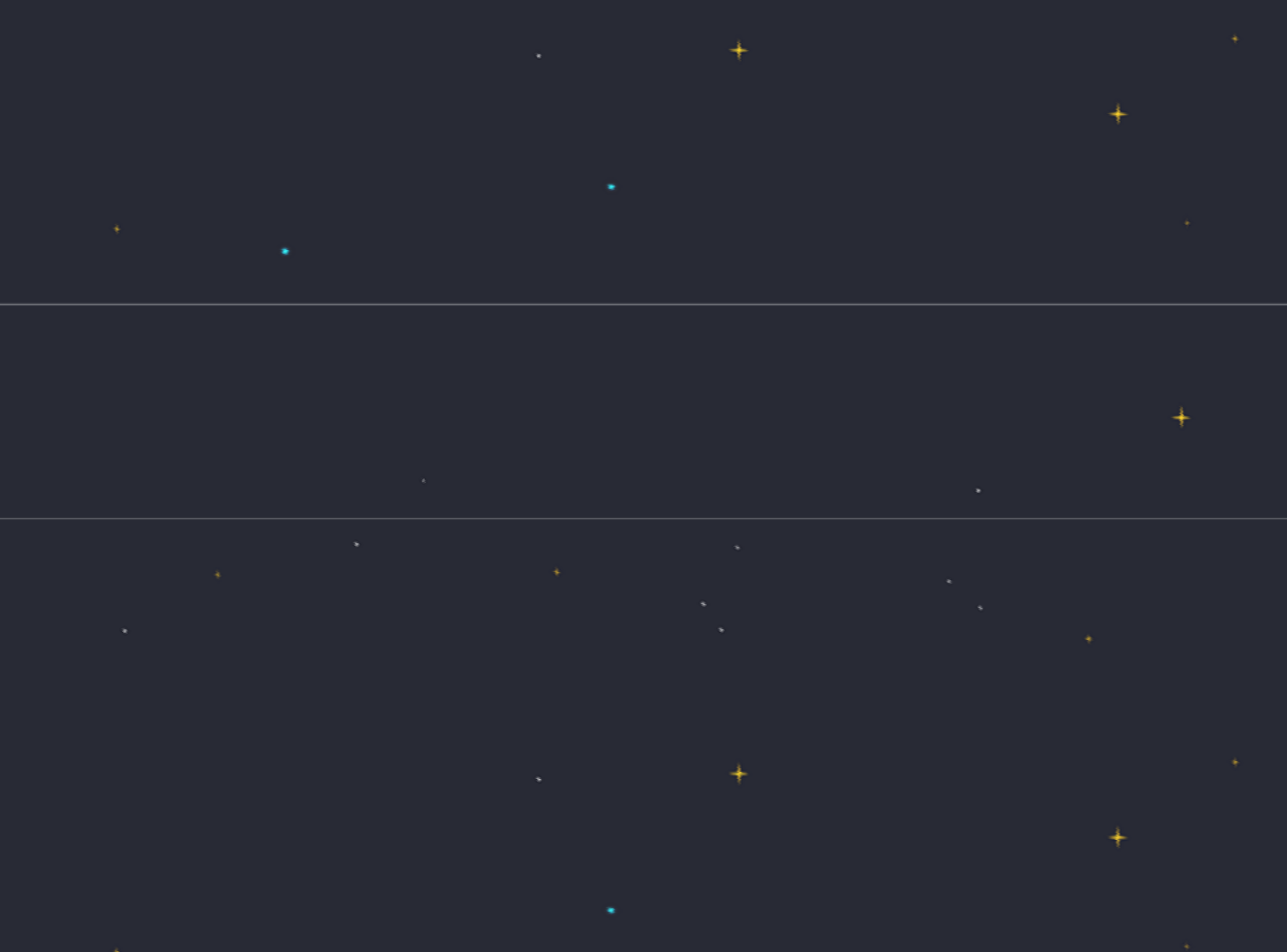
[Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/html/default.asp) | [CSS](https://www.w3schools.com/css/default.asp) | [JAVASCRIPT](https://www.w3schools.com/js/default.asp) | [SQL](https://www.w3schools.com/sql/default.asp) | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) | [PHP](https://www.w3schools.com/php/default.asp) | [HOW](https://www.w3schools.com/howto/default.asp) | [TO](https://www.w3schools.com/howto/default.asp) | [W3.CSS](https://www.w3schools.com/w3css/default.asp) | [C](https://www.w3schools.com/c/index.php) | [C++](https://www.w3schools.com/cpp/default.asp) | [C#](https://www.w3schools.com/cs/index.php) | [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) | [REACT](https://www.w3schools.com/react/default.asp) | [MYSQL](https://www.w3schools.com/mysql/default.asp) |



[COLOR PICKER](https://www.w3schools.com/colors/colors_picker.asp)

[](https://www.youtube.com/%40w3schools) [](https://www.linkedin.com/company/w3schools.com/) [](https://discord.gg/6Z7UaRbUQM) [](https://www.facebook.com/w3schoolscom/) [](https://www.instagram.com/w3schools.com_official/)



[FORUM](https://www.w3schools.com/forum/default.asp) [ABOUT](https://www.w3schools.com/about/default.asp) [CLASSROOM](https://93d08a94.sibforms.com/serve/MUIFANcgnq870f9dSud-FqpyiNiT9Hf7Neaxms0MYk3Vls9hpjaXTEbv0c7uVF1UINWpqSDY6_DU9rogV4HkwIgRhxwVUZlYeU0k9Dk0zvK_WPtcqT1M0CwXtaF7OArmb7PqlsHk1AHCM6p4pNVtMTNOatAnIusfNWfUNfoolqkk7FLimIaFVN71kSMBOdLIwkagkBw9XybFEG0G)

W3Schools is optimized for learning and training. Examples might be simplified to improve reading and learning.

Tutorials, references, and examples are constantly reviewed to avoid errors, but we cannot warrant full correctness

of all content. While using W3Schools, you agree to have read and accepted our [t erms of use](https://www.w3schools.com/about/about_copyright.asp), c [ookie and privacy policy](https://www.w3schools.com/about/about_privacy.asp).

[](https://www.youtube.com/%40w3schools) [](https://www.linkedin.com/company/w3schools.com/) [](https://discord.gg/6Z7UaRbUQM) [](https://www.facebook.com/w3schoolscom/) [](https://www.instagram.com/w3schools.com_official/)

**Top Examples**

[**HTML Examples**](https://www.w3schools.com/html/html_examples.asp)[**CSS Examples**](https://www.w3schools.com/css/css_examples.asp)

[**JavaScript Examples**](https://www.w3schools.com/js/js_examples.asp)[**How To Examples**](https://www.w3schools.com/howto/default.asp)[**SQL Examples**](https://www.w3schools.com/sql/sql_examples.asp)[**Python Examples**](https://www.w3schools.com/python/python_examples.asp)[**W3.CSS Examples**](https://www.w3schools.com/w3css/w3css_examples.asp)[**Bootstrap Examples**](https://www.w3schools.com/bootstrap/bootstrap_examples.asp)[**PHP Examples**](https://www.w3schools.com/php/php_examples.asp)

[**Java Examples**](https://www.w3schools.com/java/java_examples.asp)[**XML Examples**](https://www.w3schools.com/xml/xml_examples.asp)[**jQuery Examples**](https://www.w3schools.com/jquery/jquery_examples.asp)

**Top References**

[**HTML Reference**](https://www.w3schools.com/tags/default.asp)[**CSS Reference**](https://www.w3schools.com/cssref/index.php)

[**JavaScript Reference**](https://www.w3schools.com/jsref/default.asp)[**SQL Reference**](https://www.w3schools.com/sql/sql_ref_keywords.asp)[**Python Reference**](https://www.w3schools.com/python/python_reference.asp)[**W3.CSS Reference**](https://www.w3schools.com/w3css/w3css_references.asp)[**Bootstrap Reference**](https://www.w3schools.com/bootstrap/bootstrap_ref_all_classes.asp)[**PHP Reference**](https://www.w3schools.com/php/php_ref_overview.asp)

[**HTML Colors**](https://www.w3schools.com/colors/colors_names.asp)[**Java Reference**](https://www.w3schools.com/java/java_ref_keywords.asp)

[**Angular Reference**](https://www.w3schools.com/angular/angular_ref_directives.asp)[**jQuery Reference**](https://www.w3schools.com/jquery/jquery_ref_overview.asp)

**Top Tutorials**

[**HTML Tutorial**](https://www.w3schools.com/html/default.asp)[**CSS Tutorial**](https://www.w3schools.com/css/default.asp)

[**JavaScript Tutorial**](https://www.w3schools.com/js/default.asp)[**How To Tutorial**](https://www.w3schools.com/howto/default.asp)[**SQL Tutorial**](https://www.w3schools.com/sql/default.asp)[**Python Tutorial**](https://www.w3schools.com/python/default.asp)[**W3.CSS Tutorial**](https://www.w3schools.com/w3css/default.asp)[**Bootstrap Tutorial**](https://www.w3schools.com/bootstrap/bootstrap_ver.asp)[**PHP Tutorial**](https://www.w3schools.com/php/default.asp)

[**Java Tutorial**](https://www.w3schools.com/java/default.asp)[**C++ Tutorial**](https://www.w3schools.com/cpp/default.asp)[**jQuery Tutorial**](https://www.w3schools.com/jquery/default.asp)

[**Get Certified**](https://campus.w3schools.com/collections/course-catalog)

[**HTML Certificate**](https://campus.w3schools.com/collections/certifications/products/html-certificate)[**CSS Certificate**](https://campus.w3schools.com/collections/certifications/products/css-certificate)

[**JavaScript Certificate**](https://campus.w3schools.com/collections/certifications/products/javascript-certificate)[**Front End Certificate**](https://campus.w3schools.com/collections/certifications/products/front-end-certificate)[**SQL Certificate**](https://campus.w3schools.com/collections/certifications/products/sql-certificate)[**Python Certificate**](https://campus.w3schools.com/collections/certifications/products/python-certificate)[**PHP Certificate**](https://campus.w3schools.com/collections/certifications/products/php-certificate)[**jQuery Certificate**](https://campus.w3schools.com/collections/certifications/products/jquery-certificate)[**Java Certificate**](https://campus.w3schools.com/collections/certifications/products/java-certificate)

[**C++ Certificate**](https://campus.w3schools.com/collections/certifications/products/c-certificate)[**C# Certificate**](https://campus.w3schools.com/collections/certifications/products/c-certificate-1)[**XML Certificate**](https://campus.w3schools.com/collections/certifications/products/xml-certificate)

**CONTACT US**

[**GET CERTIFIED**](https://campus.w3schools.com/collections/certifications)

[**NEWSLETTER**](https://campus.w3schools.com/pages/newsletter)

[**AD-FREE**](https://www.w3schools.com/plus/index.php)

[**UPGRADE**](https://www.w3schools.com/plus/index.php)

[**SPACES**](https://www.w3schools.com/spaces/index.php)

[](https://www.w3schools.com/)

[HTML](https://www.w3schools.com/html/default.asp)

[Copyright 1999-2024](https://www.w3schools.com/about/about_copyright.asp) by Refsnes Data. All Rights Reserved. [W3Schools is Powered by W3.CSS](https://www.w3schools.com/w3css/default.asp).



|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [](https://www.w3schools.com/) Tutorials  Exercises  Services   [Plus](https://www.w3schools.com/plus/index.php) [Spaces](https://www.w3schools.com/spaces/index.php) [Get Certified](https://campus.w3schools.com/collections/course-catalog) [Sign Up](https://profile.w3schools.com/sign-up?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) [Log in](https://profile.w3schools.com/log-in?redirect_url=https%3A%2F%2Fwww.w3schools.com%2Fpython%2Fpython_examples.asp) | | | | | | | | | | | | | | |
| [](https://www.w3schools.com/html/default.asp) | [CSS](https://www.w3schools.com/css/default.asp) | [JAVASCRIPT](https://www.w3schools.com/js/default.asp) | [SQL](https://www.w3schools.com/sql/default.asp) | [PYTHON](https://www.w3schools.com/python/default.asp) | [JAVA](https://www.w3schools.com/java/default.asp) | [PHP](https://www.w3schools.com/php/default.asp) | [HOW TO](https://www.w3schools.com/howto/default.asp) | [W3.CSS](https://www.w3schools.com/w3css/default.asp) | [C](https://www.w3schools.com/c/index.php) | [C++](https://www.w3schools.com/cpp/default.asp) | [C#](https://www.w3schools.com/cs/index.php) | [BOOTSTRAP](https://www.w3schools.com/bootstrap/bootstrap_ver.asp) | [REACT](https://www.w3schools.com/react/default.asp) | [MYSQL](https://www.w3schools.com/mysql/default.asp) |
|  | | | | | | | | | | | | | | |

