

Variables

A Python variable is a symbolic name that is a reference or pointer to an object. Once an object is assigned to a variable, you can refer to the object by that name.

Lists

Lists are used to store multiple items in a single variable. Lists are one of 4 built-in data types in Python used to store collections of data, the other 3 are Tuple, Set, and Dictionary, all with different qualities and usage.

Functions

A function is a block of code which only runs when it is called. You can pass data, known as parameters, into a function. A function can return data as a result.

While-loop

What is a while loop in Python? A while loop will run a piece of code while a condition is True. It will keep executing the desired set of code statements until that condition is no longer True.

Methods

Match-case

For-loop

Type-conversion

List Indices

Tuples

Enumerate

F-Strings

Write Text Files, Read Text Files

File Paths

List Comprehensions

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If, Elif, and Else Conditionals

Slicing

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Try-Except and Exceptions

Continue Statement

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Decoupling Functions

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Sending Emails