

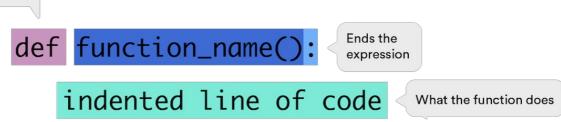
STUDY GUIDE

## **FUNCTIONS IN PYTHON**

## **Key Terms and Definitions**

• Function: A reusable process that takes some kind of input, performs logic using those inputs, and returns the output of that logic. Functions are extremely powerful tools, and they open a vast world of possibilities. They are the building blocks for all large, complex programs and processes.

Introduces the function



- **Arguments:** Details that are passed into a function to change the output. You add any number of arguments separated by a comma within the parentheses.
- Defining a Function writing a function to be used at any time throughout your code.
- · Calling a Function:- using a function. In other words, asking it to perform the logic we wrote when we defined it.
- Nested Functions: Functions that are called within other functions.

## **Guiding Questions**

- 1. When might you want to create a function in Python?
- 2. What are some examples of arguments passed to a function?