# What is function in python?

1. 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.
2. Types of function in python?

A) **The following are the different types of Python Functions:**

* Python Built-in Functions.
* Python Recursion Functions.
* Python Lambda Functions.
* Python User-defined Functions.

1. What is user define function in python?
2. What are user-defined functions in Python? Functions that we define ourselves to do certain specific task are referred as user-defined functions. The way in which we define and call functions in Python are already discussed. Functions that readily come with Python are called built-in functions.
3. What is built in funciton in python?
4. The Python built-in functions are defined as the functions whose functionality is pre-defined in Python. The python interpreter has several functions that are always present for use. These functions are known as Built-in Functions.
5. What is spyder tool in python & Why we use it?
6. Spyder is an open-source cross-platform IDE. The Python Spyder IDE is written completely in Python. It is designed by scientists and is exclusively for scientists, data analysts, and engineers. It is also known as the Scientific Python Development IDE and has a huge set of remarkable features which are discussed below.
7. What is parameter in function?

A) A parameter is a special kind of variable used in a function to refer to one of the pieces of data provided as input to the function. These pieces of data are the values of the arguments with which the function is going to be called/invoked.