1. What are the new features added in Python 3.8 version?

PEP 572 (Assignment Expressions) – The walrus operator (:=)

You will get to see a new type of operator which is being known as the walrus operator (:=).

This allows you to assign variables inside an expression. The major benefit of this is to save you some lines of code and you can write even cleaner and compact code in Python.

1. What is monkey patching in Python?

Monkey patching in python refers to modifying or updating a piece of code or class or any module at the runtime. In simple words, we can change the behavior or working of a class/ module at the runtime without changing the whole python code.

1. What is the difference between a shallow copy and deep copy?

A shallow copy constructs a new compound object and then (to the extent possible) inserts references into it to the objects found in the original. A deep copy constructs a new compound object and then, recursively, inserts copies into it of the objects found in the original.

1. What is the maximum possible length of an identifier?

An identifier can have a maximum length of 79 characters in Python. Python is one of the most popular programming languages. Guido van Rossum created it, and it was released in 1991.

1. What is generator comprehension?

A generator comprehension is a single-line specification for defining a generator in Python. It is absolutely essential to learn this syntax in order to write simple and readable code. Note: Generator comprehensions are not the only method for defining generators in Python.