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

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

PEP 570 (Positional only arguments) ...

PEP 590 ( Vectorcall) ...

PEP 574 ( Pickle Protocol 5 with out-of-band data) ...

F-strings now support = (Easy debugging) ...

Improved Typing

1. What is monkey patching in Python?

In Python, the term monkey patch refers to **dynamic (or run-time) modifications of a class or module**. In Python, we can actually change the behavior of code at run-time.

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

**In Shallow copy, a copy of the original object is stored and only the reference address is finally copied.** **In Deep copy, the copy of the original object and the repetitive copies both are stored**.

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.

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.