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

Ans: there are a myriad of new features added to Python 3.8 version and a few of them are below:

1. **Introduction of Walrus Operator** (:=) that assigns values to variables as part of a larger expression.
2. **Positional-only parameters(/)**
3. **New modules** like importlib.metadata to read metadata from 3rd party packages.
4. What is monkey patching in Python?

Ans: **when we change the behaviour of the code at tune time then it is called monkey patching.**

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

Ans:

**shallow copy doesn’t allot a new memory location to a variable, but deep copy allots a new memory location to a new variable.**

**For example:**

**b=5**

**a=b that is an example of shallow copy where a also refers to 5 present in the same memory location as what b refers to. Whereas, copy() function allows you to do deep copy and assign a new memory location to a newly created variable.**

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

Ans: **79 characters**

1. What is generator comprehension?

Ans: **it is a one-line code which allows you to create a generator as oppose to a standard method where multiple lines of code is required to create a generator.**