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

Answer: Following are the features of new updates in python

* 1. Walrus operators for assigning values to variables in large expressions
  2. Position only parameters
  3. Parallel filesystem for cache for compiled binary code
  4. Python initialization configuration

1. What is monkey patching in Python?

Answer: Monkey patching in OOPS means modifications to class components/module at runtime according to the requirement

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

Answer:

Shallow copy –

* 1. Shallow copy stores the references to objects to original memory address
  2. Shallow copy is faster

Deep copy-

* 1. Deep copy stores copies of object’s values
  2. Deep copy is very slow compared to shallow copy

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

Answer: In python, highest possible length of an identifier is 79 characters.

1. What is generator comprehension?

Answer: Generator comprehension is a single line specification for defining a generator in python which will help in yielding one value per requirement and this helps in memory usage.