

## Python Interview Questions Part 2

1. What is namespace in Python?

In Python, every name introduced has a place where it lives and can be hooked for. This is known as namespace. It is like a box where a variable name is mapped to the object placed. Whenever the variable is searched out, this box will be searched, to get corresponding object.

2. What is lambda in Python?

It is a single expression anonymous function often used as inline function.

3. Why lambda forms in python does not have statements?

A lambda form in python does not have statements as it is used to make new function object and then return them at runtime.

4. What is pass in Python?

Pass means, no-operation Python statement, or in other words it is a place holder in compound statement, where there should be a blank left and nothing has to be written there.

5. In Python what are iterators?

In Python, iterators are used to iterate a group of elements, containers like list.

6. What is unittest in Python?

A unit testing framework in Python is known as unittest. It supports sharing of setups, automation testing, shutdown code for tests, aggregation of tests into collections etc.

7. In Python what is slicing?

A mechanism to select a range of items from sequence types like list, tuple, strings etc. is known as slicing.

8. What are generators in Python?

The way of implementing iterators are known as generators. It is a normal function except that it yields expression in the function.

9. What is docstring in Python?

A Python documentation string is known as docstring, it is a way of documenting Python functions, modules and classes.

10. How can you copy an object in Python?

To copy an object in Python, you can try `copy.copy()` or `copy.deepcopy()` for the general case. You cannot copy all objects but most of them.