

## 6. Why indentation is required in Python?

### Answer:

Indentation is necessary for Python. It specifies a block of code. All code within loops, classes, functions, etc. And also it is specified within the indented block. It is usually done by using four space characters. If your code is not indented necessarily, it will not execute accurately and will throw errors as well.

## 7. What is an iterator in Python?

### Answer:

An iterator is an object which implements the iterator protocol.

It has a `__next__()` method which returns the next item in iteration, also iterators are objects which can iterate objects like list, string, etc.

## 8. Why python is called an interpreted language?

### Answer:

An interpreted language is any programming language which is not in machine level code before run time. Therefore, python is an interpreted language.

## 9. What is comment?

### Answer:

- Python comments are statements that are not executed by the compiler.
- It is not considered as a part of program.

## 10. What are the types of comments in Python?

### Answer:

There are two types of comment in Python.

- Single line comment
- Multi line comment

## 11. What is single line comment?

### Answer:

- It is used to comment only one line.
- Hash (#) is used for single line comment.