## 5.Justify why python is interactive interpreted language?

--> Python program runs directly from the source code.

Each time Python programs are executed code is required.

Python converts source code written by the programmer into intermediate language which is again translated into the native language / machine language that is executed. So Python is an Interpreted language.

It is processed at runtime by the interpreter.

The program need not be compiled before its execution.

It is similar to PERL and PHP.

Python is also interactive where it can prompt and interact with the interpreter directly to write the programs.

It supports the object-oriented style of the technique which encapsulates the code within the objects.