Assignment 1

1. Who develop python programing Language.
   Ans. by Python Software Foundation
2. Which type of programing does python support.
   Ans. supporting object-oriented, structured, and functional programming.
3. Is python case sensitive when dealing with identifier
   Ans. Yes
4. What is the correct extension for python file.
   Ans. .py
5. Is python code compiles or interpret.
   Ans. Interpret
6. Name few Block of code used to define in python language.
   Ans. a module, a function body and class definition
7. State a character used to give single-line comment in python.
   Ans. #
8. Mention function which can help us to find the version of python that we are currently working on.
   Ans. sys. version
9. Python supports the creation of anonymous function at runtime using a construct called……..
   Ans. Lambda
10. What does pip stand for python.
    Ans. Preferred Installer Program
11. Mention few built in function in python.
    Ans. str(), int(),typr(),len(),list(),set()
12. What is the maximum possible length of an identifier in python.
    Ans. 79 Characters
13. What are the benefits of using python.
    Ans. Python is Free-open source, simple to use and understand, interpreted language
14. How is memory manage in python.
    Ans. Using private heap containing all Python objects and data structures.
15. How to install python on windows and set path variable.
    Ans. In the section entitled User Variables, double-click on the entry that says Path. Another window will pop up showing a list of paths. Click the New button and paste the path to your Python executable there. Once that's inserted, select your newly added path and click the Move Up button until it's at the top
16. Is indentation required in python.
    Ans. Yes, to indicate block of code