Assignment 1

Q.1. Guido Van Rossum

Q.2. Python supports **object-oriented, structured** and **functional** programming

Q.3. Yes python is case sensitive

Q.4. .py is extension of python file

Q.5. Python code is interpreted

Q.6. Indentation is used to define a block of code in python

Q.7. #

Q.8. python\_version

Q.9. Lambda function

Q.10. Preferred Installer Program

Q.11. print(), bin(), bool(), input(), etc

Q.12. 79 characters

Q.13. a) Simple to Use and Understand

b) Free and open-source

c) Extensive Library

d) Interpreted Language

Q.14. Python involves a **private heap** containing all Python objects and data structures, and references are stored in **stack**

Q.15. First install python in your system and then

- Right-clicking This PC and going to Properties.

- Clicking on the Advanced system settings in the menu on the left.

- Clicking on the Environment Variables button o​n the bottom right.

- In the System variables section, selecting the Path variable and clicking on Edit. The next screen will show all the directories that are currently a part of the PATH variable.

- Clicking on New and entering Python’s install directory.

Q.16. yes indentation is important in python