**Assignment – 1**

1. Guido van Rossum.
2. Python supports object oriented programming and structured programming.
3. Yes
4. .py
5. Python code is interpreted.
6. A module, a function body, a class definition.
7. Hash character(#)
8. sys.version
9. Lambda
10. Preferred Installer Program
11. print() function  
    type() function  
    input() function

max() function

1. 79 characters
2. Easy to read, learn and write.  
    Improved productivity  
    Dynamically typed  
    Free and open source  
    Vast libraries support
3. Memory management in Python involves a private heap containing all Python objects and data structures.
4. i) Install Python from the internet  
   ii) Right click This Pc and go to properties  
   iii) Go to advanced system settings  
   iv) Click on Environment Variables button below  
   v) Click on New and enter Python’s install directory
5. Yes