Assignment – 29-01-2023

Q.1 Ans -> Guido Van Rossum

Q.2 Ans -> Object-Oriented and Structured programming. Many features support Functional as well as aspect-oriented programming.

Q.3 Ans -> Yes

Q.4 Ans -> .py

Q.5 Ans -> Interpreted

Q.6 Ans -> a module, a function body, and a class definition. Indention is used to define block of code in python.

Q.7 Ans -> #

Q.8 Ans -> python --version

Q.9 Ans -> lambda

Q.10 Ans -> preferred installer program

Q.11 Ans ->print(), type(), input(), abs(), pow(), dir(), max(), sorted()

Q.12 Ans -> 79 characters

Q.13 Ans -> Data Science, Finance and Trading, Web development, System automation and administration, Computer Graphics, Basic Game Development, Security and penetration testing.

Q.14 Ans -> Python uses a portion of the memory for internal use and non-object memory. Another part of the memory is used for Python object such as int, dict, list, etc.

Q.15 Ans -> The complete path of python.exe can be added by:

1. Right-click This PC and go to Properties.

2. Click on the Advanced system settings in the menu on the left.

3. Click on the Environment Variables button on the bottom right.

4. In the System variables section, select the Path variable and click on edit. The next screen will show all the directories that are currently a part of the PATH variable.

5. Click on New and enter python’s install directory.

Q.16 Ans -> Yes