29th Jan Assignment

Q-1) Who developed python programming language?

🡪 Guido van Rossum developed python programming language.

Q-2) Which type of programming does python support?

🡪 Python supports object-oriented, structured, and functional programming.

Q-3) Is python case sensitive when dealing with identifiers?

🡪 Yes, Python is a case-sensitive language.

Q-4) What is the correct extension of python file?

🡪 .py

Q-5) Is python code compiled or interpreted?

🡪 Interpreted because python is an interpreted language, which means the source code of a Python program is converted into bytecode that is then executed by the Python virtual machine.

Q-6) Name a few blocks of code used to define in python language?

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

Q-7) State a character used to give single line comments in python?

🡪 #

Q-8) Mention functions which can help us to find the version of python that we are currently working on it?

🡪 platform.python\_version()

sys.version

Q-9) Python supports the creation of anonymous functions at runtime, using a construct called

🡪 FunctionType()

Q-10) What does pip stands for python?

🡪 preferred installer program

Q-11) Mention a few built in functions in python?

🡪 print() , type(), max(), min(), pow() etc.

Q-12) What is the maximum possible length of an identifier in python?

🡪 79 characters.

Q-13) What are benefits of using python?

🡪 Ease of language,

Lots of library

Built in functions,

Large developer community etc.

Q-14) How is memory managed in python?

🡪 Python managed memory by using private heap.

Q-15) How to install python on windows and set path variable?

🡪 To install python on windows download the python from <https://www.python.org>

And to set path write this command on cmd (command prompt) setx /M Pythonpath "C:\Python27\Lib"

Q-16) Is indetation required in python?

🡪 Yes.