

PYTHON

Assignment Questions



1. Who developed Python Programming Language? Ans:- Guido van rossum.
2. Which type of Programming does Python support? Ans:- Object-Oriented, structured, and functional.
3. Is Python case sensitive when dealing with identifiers? Ans:- yes.
4. What is the correct extension of the Python file? Ans:- .py
5. Is Python code compiled or interpreted? Ans:- Interpreted.
6. Name a few blocks of code used to define in Python language? Ans:- Indentation
7. State a character used to give single-line comments in Python? Ans:- Hash character (#).
8. Mention functions which can help us to find the version of python that we are currently working on? Python -V
9. Python supports the creation of anonymous functions at runtime, using a construct called Ans:- lambda.

10. What does pip stand for python? Ans:- Preferred Installer Program.
11. Mention a few built-in functions in python? Ans:- print(), type(), sorted().
12. What is the maximum possible length of an identifier in Python? Ans:- 79 Character.
13. What are the benefits of using Python? Ans:- Simple, standard library support, easy to understand and write.
14. How is memory managed in Python? Ans:- having private heap of object and data structure, and heap is manage by Pyhton memory manager.
15. How to install Python on Windows and set path variables?
16. Is indentation required in python? Ans:- Indentation is mandatory.

Question number 15. Ans:-

Steps to Install Python:-

- 1- Open Python website and download window installer.
- 2- double click on the download file and install Python, and ensure Python is added to your path.
- 3- click on install now to begin.

Set Path variable:-

- 1- right click THIS PC and go to properties.
- 2- click on ADVANCE SYSTEM SETTINGS in the menu on the left side.
- 3- click on ENVIRONMENT VARIABLE button on the right.
- 4- in SYSTEM VARIABLE section, selecting PATH VARIABLE and click on edit.
- 5- click on NEW and entering python's install directory.