

## Assignment 1

Answer 1

Python was developed by Guido Van Rossum.

Answer 2

Python Supports both structural and Object oriented programming.

Answer 3

Yes , Python is a case sensitive language.

Answer 4

Extension of a python file is .py

Answer 5

Python is a interpreted language.

Answer 6

A module , A function body and a class definition are few block of code used to define in Python Language.

Answer 7

# is used to give single line comments in python.

Answer 8

function sys.version is used to find which version we're working on.

Answer 9

Lambda.

Answer 10

Preferred Installer program.

Answer 11

Abs(),all(),input()

Answer 12

79 characters.

Answer 13

- \*less complicated

- \*easy syntax

- \*best for data analysis.

Answer 14

involves a private heap containing all objects and data structures.

Answer 15

installing Python throughputs website.

The complete path of python.exe can be added by:

- 1 Right-clicking This PC and going to Properties.
- 2 Clicking on the Advanced system settings in the menu on the left.
- 3 Clicking on the Environment Variables button on the bottom right.
- 4 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.
- 5 Clicking on New and entering Python's install directory.

Python can now be used directly from the command prompt without having to write its location. Try executing the command `python --version`; it will output the version of Python installed on your system.

Answer 16

Yes, Indentation is required in python.