

1. Who developed Python Programming Language?

Ans. Guido van Rossum developed Python Programming Language.

2. Which type of programming does Python support?

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

3. Is Python case sensitive when dealing with identifiers?

Ans. Yes is Python case sensitive when dealing with identifiers.

4. what is the correct extension of Python file?

Ans. .py is the correct extension of Python file.

5. Is Python code compiled or interpreted?

Ans. Python code is both compiled and interpreted.

6. Name a few block of code used to define in Python language?

Ans. A module, a function body, and a class definition.

7. state a character used to give single-line comments in Python?

Ans. # is a character used to give single-line comments in Python.

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

Ans. sys.version can help us to find the version of python that we are currently working on

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(), max(), dir(), sorted(), input(), help() are few examples of functions in Python.

12. What is the maximum possible length of an identifier in Python?

Ans. An identifier can have a maximum length of 79 characters in Python.

13. What are the benefits of using Python?

Ans. 1. It is used in almost all fields like - Data science, Scientific and mathematical computing, Web development, Finance and trading, system automation and administration, Computer graphics, Basic game development, Security and penetration testing, General and application-specific scripting, Mapping and geography (GIS software)

- 2. High demand
- 3. Ease of Comprehension
- 4. Flexibility
- 5. Used in Many Industries

14. How is memory managed in Python?

Ans. In Python, memory is managed by the Python manager which determines where to put the application data in the memory.

15. How to install Python on windows and set path variables?

Ans. Install python from this link <https://www.python.org/downloads/>

After this, install it on your PC.

Look for the location where PYTHON has been installed on your PC using the following command on your command prompt: cmd python.

Then go to advanced system settings and add new variable and name it as PYTHON_NAME and paste the copied path.

Then look for the path variable, select it's value and select edit and add a semicolon towards the end of the value if it's not present and then type %PYTHON_HOME%

16. Is indentation required in Python?

Ans. Yes is indentation required in Python.