

What is Python?

Python is a simple, general purpose, high level oriented programming language. It supports Object oriented programming approach to develop applications and is easy to learn and provides lots of high level structures. It was created by Guido van Rossum and released in 1991.

Features of Python programming language

1. Readable: Python is a very readable language.
2. Easy to Learn: Learning python is easy as this is a expressive programming language, which means it is easy to understand the code. It is easy to learn.
3. Cross platform: Python is available and can run on various operating systems such as Mac, Windows, Linux, Unix etc. This makes it a portable language.
4. Open Source: Python is an open source programming language.

5. Large standard library: Python comes with a large standard library that contains some handy codes and functions which we can use while writing our programs.

6. Free: Python is free to download and use. This means you can download it for free and use it in your application.

7. Supports exception handling: An exception is an event that occurs during the execution of a program that disrupts the normal flow of the program. Python supports exception handling which means we can write less error code and handle various scenarios that can cause an exception.

8. Automatic memory management: Python supports automatic memory management which means the memory is cleared and freed automatically.