

Assignment No. 1

Que-1 Who invented Python?

Ans - Guido Van Rossum in 1991.

Que-2 What is Python Programming Language? Give its applications and features.

Ans - Python is a general purpose, dynamic, high level and interpreted language. It supports Object Oriented Programming approach to develop applications. It is simple and easy to learn and provides lots of high-level data structure.

Python is easy to learn yet powerful and versatile scripting language which make it attractive for Application Development.

⇒ Applications of Python :-

i) Web Applications :

We can use Python to develop web applications. It provides libraries to handle internet protocols such as HTML and XML, JSON, Email processing request, beautiful soup, feed parser etc.

Some important developments are -

Python Wiki Engines

Python Blog Software

etc.

ii) Software Development :

Python is helpful for software development process. It works as a support language and can be used for build control and management, testing etc.

iii) Console Based Application :

We can use Python to develop console based applications.
for example - IPython.

iv) 3D CAD applications :

To create CAD application Fandango is a real application as which provides full features of CAD.

v) Applications for Images :

Using python several application can be developed for image. Applications developed are - VPython, Gogh, imgSeek etc.

vi) Business Applications :

Python is used to build Business applications like ERP and e-commerce systems. Python is a high level application platform.

⇒ Python Features :-

i) Easy to learn and use :

Python is easy to learn and use. It is developer-friendly and high level

Page No.
 Date
 programming language.

ii) Expressive language :

Python language is more expressive means that it is more understandable and readable.

iii) Interpreted Language :

Python is an interpreted language.

iv) Object oriented language :

Python supports object oriented language and concepts of classes and objects come into existence.

v) GUI Programming Support :

Graphical User Interfaces (GUI) can be developed using Python.

vi) Integrated :

It can be easily integrated with languages like C, C++, Java etc.