

PYTHON

→INTRODUCTION:

1. Python is developed by the Python software foundation(psf).
2. It was designed by guido van rossum in feb 20 .1991(31 years ago)
- 3.os - windows,mac os,linux,android and more..
- 4.the word python is taken from the famous british comedy movie “monty python circus”.
- 5.there are 11 versions in python till now.

What is python?

Python is an interpreted language .it is a general purpose language.it supports the oops concept (object-oriented programming system).it is a high level language. It is an open source language (free).and also embedded language.

What are we using in python?

- 1.supports language for software development.
- 2.build control and managements
- 3.testing

Eg : machine learning, data analysis, data visualization and web scraping.

Where are we using python ?

It is commonly used for developing websites, software, task automation, data visualization, everyday tasks and finance .

Why are we using python rather than other programming languages ?

- 1.easy to learn and use.
- 2.it has large supportive play and community.
- 3.hundreds of python libraries and framework.

less time.

4. versatility , efficiency , reliability and speed.
5. automation - it makes it more comfortable and it takes

6. adopt test driven development.
7. simplify complex software development.
8. readable and maintainable.
9. It has simplified syntax and is not complied with.
10. It is easily written and executed much faster than

other programming languages.

When is python used for?

1. software development
2. language development.
3. gaming development.
4. web development.

Application :

1. mobile application.
2. desktop application.
3. hardware programming.
4. web development.
5. enterprise application.
6. 3d CAD application.