

Advantages of python

1. High level language

a. if any language which enable you to develop any application by using regular English instructions such as capital alphabets, small alphabets, 0 to 9 digits and special characters

2. Portability:

Portability always depends upon the source code.

i.e no matters what operating system we are using the syntax and semantics of the language remains same.

3. easy to learn, write and maintain

Python script statements resembles as like a regular English instructions. Thus compared to other languages writing the python script statements or easy

4. Open source

Python is available to the world under GPL general public licence. Python software can be used by anyone without paying a paisa. And it is giving the facility we can also see the internals of the python if required we can also make the amendments in the language and we can also release the new flavours of python

5. Independent

Python script statement can be executed in irrespective of the operating system, by taking the support of python virtual machine

6. Interpreted

Python script statements or executed director without any preliminary compilation

7. Procedure oriented

In the procedure oriented programming the logic can be maintained and manipulate in the form of functions

8. Object oriented

In the object-oriented programming the logic can be maintained and manipulate in the form of class and object

9. Huge library support

In other languages we have the support of libraries

Library contains collection of variables, functions, macros ...

In Python we have the support of module. The module provides list of variables, functions, classes and object ...

With the help of the models we can develop any type of application simple and easier

10. Dynamically typed

Other languages like c,c++, java are statically typed

Python is dynamically type that is, Python scripting by the time of declaring the variable, does not required to specify the data type and the type of the variable will be decided by the Python interpreter based on the value we are assigned to it.

11. Database connectivity

Python is giving the convenience developers to interact with any data bases to store the data permanently with an effect to security.