- Python is high-level, interpreted, general-purpose

-Python is hig programming lar

programming language.

- Python is dynamically-typed and garbage collected. It supports multiple programming paradigm, including structured (particularly procedure), object-oriented & function programming.

· <u>features</u> of python.

OEasy to learn and usePython is easy to learn as compared to other programming languages. Bot It is same as English language. There is no use of semicolon & curly bracket.

@ Portable / Cross platform language

Python is portable that means we can run it equally on different platform like Windows, Linux, UNIX.

3 Free and Open Source.

Python is freely available for everyone. Anyone can contribate download its source code without paying any cost.

The supports concepts of classes and objects.

It also supports inheritance, polymorphism, & encapsulation, etc. The OOP helps to programmer to write

reusable code and develop applications in less

(1) Extensible There is no need of compilation. It convert the program into byte code & any platform can use byte code ® GUI programming Support. - It mostly used in GUI. GU -Graphics User interface is use for developing Desktop application. ODynamic Memory Allocation. - There is no need to specify the data-type of the variable. We can assign some value to variable, it automatically allocate the memory to variable at runtime. • Open Source terminology - Open source refers to software that's free to public. - 17 does not have any restriction or any condition are required. -Including the source code, the software as well is free available to users, even the copies can be distributed by users freely & are freely used modified with no prior permission! -freeware, Linux, Mysal, Hypertext Preprocessor, Python, UNICode.

It perform complex task using a few

It can be executed one line at a time.

lines of code as compared to Java, c, C++.

© Expressive Language

@Interpreted language