Python 1/8/22 Le Python is a general purpose interpreted, interactive object oriented and high level programming language. 1985 to 1990. Like peart; python bource is open source is under the CAND under general > Features: 12 Python is inpated: It is python processed at to compile the program before executing which is similar to perl & PHP.

You an actually sit at a python prompt & interact with interpreter directly. 2) Pothon is object oriented! - It support objoriented style or technique of programming that encopsulates code 3) Rython is a beginner's level: It is a great language for beginner level projerny

and supports the development at a wide range at applications from simple text processing to games.

The supports Junctional & structural programming the dead well at DDP methods as well as OOP con be compiled to byte code for building large applications, and supports basic type cherking.

iv) It supports automatic garbage (oblection.

v) It is easily integrated C, C++, COM, Active X, CORBA, Java > Apply Applications at python! 17 Fasy to learn & Lew Keyboards, Simple structure of clearly defined syntax, this allows students to pick up the language quickly. 2) Fasy to read > Python code is more clearly defined wisible to eyes. 3) Easy to maintain & Python is source code is

cost to maintain Abraad Standard library- Its bulk at library & is
very portable & has cross platform compatibility
in Linux, Unix, MacOS, windows. 5) Interactive mode! It has support at interactive mode which allows testing & debbrgging at code. 6) Portable: - Python can run on a wide variety of hardware platforms and has the same interface on all platforms. 7) Extensible: - You can add low level modules to enable programmers to add tools or customize their tools to 2) Dotoboses: - Python provides interfaces to all major commercial databases. 9) Scolable: - Python provides a better structure and support for large programs than Shell scripting.

lo) GIVI Programming: Python supports GIVI
applications that can be created and ported to many systems calls, libraries & windows system such as pre windows MFC, MAC, and x windows system at linux.