

H.W

Q. Write notes on :

1. What is python?

- - python is a high-level, interpreted, general-purpose programming language.
- python is designed to be highly readable.
- It uses English keywords frequently where as other languages use punctuation, and it has fewer syntactical constructions than other languages.
- python is dynamically-typed and garbage-collected.
- Its design philosophy emphasis code readability with the use of significant indentation.

2. Write features of python in your own language.

- - Easy to code
- Easy to read
- Free and open-source
- Robust standard library
- Interpreted
- Portable
- Object-oriented and Procedure-oriented
- Extensible
- Expressive
- Support for GUI
- Dynamically typed

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3. Explain Open Source terminology in your own language.

Ans:- An open source language refers to a programming language that falls within the parameters of open-source protocol.

- This basically means that the language is not proprietary and with certain provisions, can be modified or built upon in a manner that is open to the public.

- LibreOffice and the GIMP Image Manipulation Program are the example of open source software.