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1.

what is python language

python is an interpreted, high-level general purpose
programming language

Created by Guido van Rossum and first released in 1991

Python's design philosophy emphazisizes code (resu) readability
with its notable use of significant whitespace.

2. what are the key features of python.

* Easy to learn and use
* Expressive language
* Interpreted language.
* Cross-Platform language
* Free and open source
* Extensible.
* large standard library.

3. How is python an interpreted language.

python is called an interpreted language because it goes
through an interpreter, which turns code you write into
the language understand by your computer processor.

4. How is memory managed in python?

Memory management in python involves private heap
containing all phyton object and data structures. The
management of this private heap is ensured internally by
the python memory manager.

5. What is python path?

Python path is an environment variable which you can set to add additional directories where python will look for modules and packages. Python knows where to find its standard library. For most installations, you should not set these variables since they are not needed for python to run.

6. What are the generators in python.

Python oops concepts. Python is an object oriented programming language along with the along with the object oriented programming features such as inheritance. Polymorphism, abstraction, encapsulation.

8. Is python case sensitive.

Python is a case sensitive language. This means, variable and variable are not same Always give the identifiers a name that makes sense.

9. How long can an identifier be in python.

Identifiers and keywords from the python language Reference: Indentifiers are unlimited in length. But you will be violating PEP-8 most likely. which is not really cool: limit all lines to a maximum of "79 characters".

10. With python, how do you find out which directors you are currently in.

We use the "getcwd" method

Cwd is for current working directory in python. This returns the path of the current (pyot) Python directory as a string in python.