

Assignment.

1. what are the datatypes in python? explain.

→ the datatypes in python are:-

- i, int - integer datatype
- ii, float - floating datatype
- iii, str - String datatype
- iv, complex - complex datatype
- v, bool - boolean datatype

2. Briefly explain history of python?

→ python is a high level programming language. It was initially designed by Guido van Rossum in 1991 & developed by python software foundation. It was developed for emphasis on code readability, its syntax ~~fewer~~ allows programmers to express concepts in fewer lines of code.

3. Explain all the operators in python?

- i, arithmetic operators
- ii, Assignment operators
- iii, comparison operators
- iv, logical operators
- v, Bit-wise operators
- vi, Identity operators
- vii, membership operators

4. Explain the features of Python?

- i. Python is a high-level language.
- ii. Python is an interpreted language.
- iii. Python is cross-platform language.
- iv. Extensive language.
- v. Object-oriented language.
- vi. Integrated language.

5. Justify why Python is interactive interpreter language.

- Python is called an interpreted language because it goes through an interpreter which turns code you write into the language understood by computer's processor. We can run a code without compiling which is not present as in C language.