

1. What are the datatypes in python? Explain

Ans: The Datatypes in python are

- (i) int - integer
- (ii) float - floating
- (iii) str - string
- (iv) Complex - Complex
- (v) bool - boolean

2. Briefly explain ~~history~~ history of python?

Ans: 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 allows programmer to express concepts in fewer lines of code.

3. Explain all operators in python?

Ans: Operators in python

- (i) Arithmetic Operator
- (ii) Assignment operator
- (iii) Comparison operator
- (iv) Logical operator
- (v) Identity operator
- (vi) Membership operator

4. Explain the features of python

4. (i) It is a high level language

(ii) It is an interpreted language

(iii) It is cross-platform language

(iv) Expressive language

(v) Integrated Language

5. Justify why python is interactive interpreted 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.