

Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

① python has the following standard or built-in data types

\* Numeric:

it is an representation of data which has a numeric value python identifies 3 types of numbers

> integer (1, 2, --)

> float (1.00, 2.22 --)

> complex (x+yj, --)

\* Boolean

Data with one of two built-in values True or False.

\* Sequence type

It is an ordered collection of similar (or) different data types.

> string

> list

> Tuple

~~> Dictionary~~

② python was conceived in the late 1980s by Guido van Rossum at Centrum Wiskunde & Informatica (CWI) in the Netherlands as a successor to ABC language (itself inspired by SAIL) capable of exception handling and interfacing with the Amoeba OS. It's implementation began in Dec 1989.

③ operators used to perform operations on variables and values.

\* python divides the operators in the following groups:

- Arithmetic operators
- Assignment "
- comparison "
- logical "
- identity "
- membership "
- Bitwise "

④ features of python

- \* easy to learn and use
- \* expressive language
- \* interpreted language
- \* cross-platform "
- \* free and open source
- \* oop
- \* Extensible
- \* large standard library
- \* GUI
- \* Integrated

⑤ python is called an interpreted language because it goes through an interpreter, which turns code you write into the language understood by your processor.