

# PYTHON

- Overview of python
- Environmental setup
- Basic syntax
- variable types
- Basic operations
- Decision making
- Loops
- Numbers
- strings
- Lists
- Tuples
- Dictionary
- Date and Time
- Functions
- Modules
- Files input output
- Exception handling
- Database operation.

## - python :-

- Python is a high-level, interpreted, general purpose programming language.
- Its design philosophy emphasizes code readability with the use of significant indentation.
- It supports multiple programming paradigms, such as, structured (particularly procedural), object oriented &



functional programming.

- python was conceived in the late 1980's by Guido van Rossum at Centrum Wiskunde & Informatie (CWI) in the Netherlands as a successor to ABC programming language.

- Features of python:-

- Easy to learn and use
- Expressive language
- Interpreted language
- Cross platform language
- Free and open source
- Object Oriented programming language
- Extensible
- Large standard library
- GUI programming support
- Integrated
- Embeddable
- Dynamic memory allocation