

PYTHON NOTES

https://github.com/yadavnikhilrao/Python_Full_Notes/

Part – 1

- Introduction
- Identifiers
- Data Types
- Operators

Part – 2

- Flow Control
 - Conditional Statements (if, if - elif, if - elif - else)
 - Transfer Statements (break, continue, pass)
 - Iterative Statements (for, while)
- Functions
 - Built-in Functions
 - User Defined Functions
 - Recursive Function
 - Anonymous Function (lambda)
 - Filter Function
 - Map Function
 - Reduce Function
 - Decorators
 - Generators
 - Modules

Part – 3

- String
- List
- Dictionary
- Tuple
- Set

Part – 4

- OOPs
 - Class and Objects
 - Self-Variable
 - Constructor
 - Destructors
 - Variables (Instance, Static, Local)
 - Methods (Instance, Class, Static)
 - Setter and Getter Method
 - Inheritance
 - Encapsulation
 - Polymorphism
 - Abstraction

Part – 5

- Regular Expression (RegEx)
- Exception Handling
 - Syntax Errors
 - Runtime Errors
 - try, except, finally.
 - Assert Statement
 - Logging Exceptions
- Multi-Threading
 - Daemon Threads
 - Lock and Semaphore
 - Queues

Others

- File Handling
- Python Database Connectivity
- Date and Time