**Programmer’s Den**

“Practical Knowledge > Theoretical Knowledge”

**Programming in Python**

Batch Contents: -

* History of Python Programming Language
* Introduction To Python
* Features of Python
* Toolchain of Python
* Implementations of Python
* Installation of Python, VS CODE (Editor to Type Codes)
* Data Types in Python
* Variable Declaration in Python
* Flow Control Statements (loops) in Python
* Selection Statements (if else if ladder, Switch case) in Python
* Functions in Python
* Anonymous Functions (Lambda Functions in Python)
* Constants in Python
* Packages in Python
* Import/Export in Python
* I/O Operations in Python
* Arrays in Python
* List in Python
* Tuple in Python
* Sets in Python
* Dictionary in Python
* Data Structures in Python
* File I/O in Python
* Recursion in Python
* OOPS Concepts in Python
* Filter, Map, Reduce in Python
* Decorators in Python
* Duck Typing in Python
* Exception Handling in Python
* Multithreading Programming in Python
* Multitasking Programming in Python
* Multiprocessing Programming in Python
* Parallel Programming in Python
* Thread Synchronization in Python

Note:

* During Lectures You Have to Do Parallel Coding with Teacher for Better Understanding of All Above Concepts