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