PYTHON Internship COURSE CONTENT

Introduction to python

Programming Basics in Python
- Numbers and Math in Python
- Variables, Names and printing in python
- Strings and Texts
- Parameters, Unpacking, Variables in Python
- Prompting and Passing in Python
- Python Operators and Operands
- Python Conditional Statements
- Python LOOPS
- Reading and Writing Files
- Sequence or Collections in PYTHON
- Python Data Structures (Lists, TUPLE, Sets, Dictionary, etc..)
- Python Functions

Advanced Python
- Python Modules and Packages
- Python Date and Time
- File Handling
- Python Exception Handling
- Debugging
- Unit Testing with PyUnit
- Python Logging

Basic Object-Oriented Analysis and Design in Python
- Python Module , Class and Objects
- Learning to Speak Object-Oriented
- Is-A, Has-A, Objects, and Classes
- Top Down versus Bottom Up
- Inheritance
- Encapsulation
- Abstraction
- Polymorphism

Introduction to Web and desktop application in Python

Live Project

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