Python Advance Course Concepts

1. Introduction to Python (What makes Python Best of the Best ?)
2. Basic Operations in Python
3. Variables
4. Data Types
    - None
    - Numeric
    - String
    - List
    - Set
    - Dictionary
    - Range
5. Operators in Python
6. Bitwise Operators (Background Mechanism)
7. Number Systems Conversions
8. Swapping Variables
9. Math functions in Python
10. User input in Python
11. Conditional Statements in Python
12. Loops
13. Loop Control Statements

Intermediate Concepts:

1. Arrays
2. Using Numpy in Arrays
3. Copying Array & Matrix in Python
4. Functions in Python

5. Function Arguments and Types
6. Keyworded variable Length Arguments(**kwargs)
7. Global Keyword
8. Fibonacci Series and Factorial.
9. Recursion
10. Lambda Function
11. Filter,map,reduce
12. Decorators
13. Modules
14. Special Variable (__name__)

Advance Concepts:

1. OOPs concept in Python (class / object)
2. Constructor
3. Types of Variables and Methods
4. Inner class
5. Inheritance and Constructor in Inheritance
6. Polymorphism
    - Duck Typing
    - Method Overloading
    - Method Overriding
    - Operator Overloading
7. Abstraction
8. Encapsulation
9. Exception Handling
10. File Handling
11. Searchings and Sortings

What you will learn

Learn core Python skills from complete beginner to advanced features.

This course includes:

- 30 Days Live Online Classes
- Access on mobile and Laptop
- Weekly Assignments
- Real-time Projects

Requirements:

- No previous programming knowledge is required
- Willingness to learn

Join Code Kivy to enhance your Programming Skills..