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## **Python Training Content of HB Services**

### **Introduction**

- Why do we need Python?
- Program structure

### **Execution steps**

- Interactive Shell
- Executable or script files
- User Interface or IDE

### **Data Types and Operations**

- Numbers
- Strings
- List
- Tuple
- Dictionary
- Other Core Types

### **Statements and Syntax**

- Assignments, Expressions and prints
- If tests and Syntax Rules
- While and For Loops
- Iterations and Comprehensions

### **File Operations**

- Opening a file
- Using Files
- Other File tools

### **Functions**

- Function definition and call
- Function Scope
- Arguments
- Function Objects
- Anonymous Functions



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## Classes

- Classes and instances
- Classes method calls
- Inheritance and Compositions
- Static and Class Methods
- Method Overloading

## Exception Handling

- Default Exception Handler
- Catching Exceptions
- Raise an exception
- User defined exception

## Advanced Concepts

- Sqlite Connection with Python
- Matplot Library
- Flask Library
- Selenium Library
- Web scraping
- Tkinter Library

For more details, please Call or Whatsapp +91-9884987719