

PYTHON FOR BEGINNERS...

1. Introduction to Python

- ****Overview of Python****
 - What is Python?
 - History and Versions
 - Installing Python
 - Setting up IDEs (e.g., PyCharm, VS Code, Jupyter Notebook)
- ****Hello World Program****
 - Writing and running your first Python script
 - Using the Python REPL

2. Basic Syntax and Operations

- ****Basic Syntax****
 - Python indentation and comments
 - Variables and data types (int, float, str, bool)
 - Basic input and output
- ****Operators****
 - Arithmetic operators
 - Comparison operators
 - Logical operators
 - Assignment operators

3. Control Flow

- ****Conditional Statements****
 - `if`, `elif`, `else`
- ****Loops****
 - `while` loop