Python Day 1: Introduction, Basic Syntax, and First Program"

- **Introduction to Python**

  - Installing Python-complete
  - Running your first Python program-complete

- **Basic Syntax**

  - Writing and running Python code-complete
  - Using comments in Python-complete

- **Variables and Data Types**

  - Understanding variables-complete-comlete
  - Basic data types (int, float, string, boolean)

- **Basic Input and Output**

  - Using the `input()` function-complete
  - Displaying output with `print()`-complete

- **Operators**

  - Mathematical operators (`+`, `-`, `*`, `/`, etc.)-complete
  - Using the modulus (`%`) and exponentiation (`**`) operators

- **Conditional Statements (if/else)**

  - Writing `if`, `elif`, and `else` conditions-complete-complete
  - Using conditions to control program flow-complete

- **Loops**

  - `for` loop: Iterating over a range-complete
  - `while` loop: Repeating actions until a condition is met-complete

- **Simple Project (Optional)**

  - Building a basic number guessing game-complete