1. Core Syntax
   1. Variables
   2. Loops
   3. Conditional statements
   4. Data Structures
      1. Lists/dictionaries/sets/functions
   5. Write python code and practice
      1. Renaming files
      2. Simple calculations
      3. Data manipulation
2. Object-oriented Programming
   1. Classes
   2. Objects
   3. Inheritance
   4. Encapsulation
3. Async & Concurrency
   1. Learn Async operations using async i/o library
   2. Basic multithreading
   3. Global interpreter lock in python
      1. Web scrapper
      2. Chat application
4. Advanced Python
   1. Decorators
   2. Generators
   3. Context Managers
   4. Comprehensions
5. Modules & Packages
   1. Project Organization (reusable modules and python packages)
   2. How to structure your code properly
6. Built-in python modules
   1. OS
   2. JSON
   3. Requests
7. Debugging and Testing
   1. Gain proficiency with debugging tools like the built-in python debugger and testing framework like **PI Test**