

Object Oriented Programming Concepts

- The Object Oriented Programming Paradigm
- Encapsulating Information
- Classes vs. Instances of Objects
- Built-in Class Attributes
- Implementing Class Inheritance
- Using Objects in Code
- Live Examples
- Assignments for weekends

Multi-Threading and Regular Expressions

- Defining a thread
- Starting a thread
- Threading module
- Threads synchronization
- Multithreaded priority queue
- Executing Python Programs from the Command Line
- Regular Expression Syntax
- Using Regular Expressions in Python
- Altering Regular Expression Processing with Regular Expression Modifiers
- Using Regular Expression Operators
- Scanning Through Strings Using the search() and match() Methods
- Creating Reusable Patterns by Using the compile() Method
- Live Examples