

## Curriculum

1. Python object and data structures Basics
  - I. Numbers.py
  - II. Variable Assignment.py
  - III. Strings.py
  - IV. Print Formatting with Strings.py
  - V. Lists.py
  - VI. Dictionaries.py
  - VII. Tuples.py
  - VIII. Sets and Booleans.py
  - IX. Files.py
2. Python Comparison Operators
  - I. Comparison Operators.py
  - II. Chained Comparison Operators.py
3. Python Statements
  - I. Introduction to Python Statements.py
  - II. if, elif, and else Statements.py
  - III. for Loops.py
  - IV. while Loops.py
  - V. Useful-Operators.py
  - VI. List Comprehensions.py
  - VII. Statements Assessment Test.py
  - VIII. Statements Assessment Test - Solutions.py
  - IX. Guessing Game Challenge.py
  - X. Guessing Game Challenge - Solution.py
4. Methods and Functions
  - I. Methods.py
  - II. Functions.py
  - III. Function Practice Exercises.py
  - IV. Function Practice Exercises - Solutions.py
  - V. Lambda-Expressions-Map-and-Filter.py
  - VI. Nested Statements and Scope.py
  - VII. args and kwargs.py
  - VIII. Functions and Methods Homework.py
  - IX. Functions and Methods Homework - Solutions.py
5. Object Oriented Programming
6. Modules and Packages
7. Errors and Exception Handling
8. Built in Functions
  - I. Map.py
  - II. Reduce.py
  - III. Filter.py
  - IV. Zip.py
  - V. Enumerate.py

- VI. all() and any().py
- VII. Complex.py
- 9. Python Generators
- 10. Python Decorators