

Agenda, Python Advanced Course

Day	Topics
DAY1	<ol style="list-style-type: none"> 1. Problems with copying mutable data structures 2. Recursive Functions and runtime problems 3. Memoization 4. * and ** in parameter passing 5. Decorators 6. Lambda Operator, Filter, Reduce and Map 7. List Comprehension
DAY2	<ol style="list-style-type: none"> 8. sort and sorted with custom made sort criteria 9. Iterators and Generators 10. Context Managers 11. Exception Handling 12. Object Oriented Programming <ol style="list-style-type: none"> 12.1. Introduction 12.2. Class and Instance Attributes 12.3. Data Abstraction using getters and setters 12.4. Properties 12.5. Inheritance 12.6. Multiple Inheritance 12.7. Magic Methods and Operator Overloading 12.8. Multiple Inheritance