

Advanced Python Course Topic

Starting date: March 14, 2023

Week 1:

- Everything is an object
- List Comprehension
- Extended argument unpacking (*args, **kwargs)
- Closure and Decorators

Week 2:

- Generators & Iterators
- Context Managers
- Static Methods and Class Methods
- Inheritance, Encapsulation & Polymorphism

Week 3:

- Operator Overloading
- Packages and Modules
- Itertools & functools
- Lambda functions
- Collections
- Logging
- Magic Methods
- Debugging

Week 4:

- Threading & Multithreading
- Multiprocessing
- Unit Testing
- Meta Classes
- Socket Programming
- Asyncio

Next course will be building web application using from Django, Flask and Fast API.

We will use Postgre Database, MySQL and MongoDB.

Stay Tuned for amazing coming up programmes.