## **ADVANCED C#**

- Object Oriented Programming
  - o Encapsulation
  - Abstraction
  - o Inheritance
  - o Polymorphism
- Namespaces
- Struct & Class
- Interfaces
- Delegate
- Lambda Expressions
- Exceptions
- Enumerations and Iterators
- StringBuilder
- Collections
  - Arrays
  - o List, Queues, Stacks, Sets
  - Dictionary
- LINQ Queries
  - o Filtering
  - o Projecting
  - o Joining
  - Ordering
  - o Grouping
  - o Set
  - Conversions
  - o Element Operations
  - Aggregate Operators
- Disposal And Garbage Collection
- Conditional Compilation