**Core - Java**

* Java Basics – Architecture, operators, data types, condition statements, loops
* OOPs

1. Inheritance
2. Encapsulation
3. Abstraction
4. Polymorphism
5. Aggregation

* Packages and access modifiers
* Exception Handling

1. Checked and unchecked Exception
2. Try-catch
3. Finally
4. Throw
5. Throws
6. Custom Runtime Exception and compile Time Exception

* MultiThreading

1. Life cycle of Thread
2. Creating a Thread
3. Threads Methods
4. Thread Priority
5. Synchronization and types
6. Deadlock

* Arrays and Strings
* Wrapper classes, autoboxing and unboxing
* Collections

1. List
2. ArrayList
3. LinkedList
4. Vector
5. Set
6. HashSet
7. LinkedHashSet
8. TreeSet
9. Map
10. HashMap
11. LinkedHashMap
12. TreeMap
13. HashTable
14. ConcurrentHashMap

* Files IO operations