**JAVA**

**Introduction to programming**

**Basic:**

* What is Java
* Installation
* Identifier, Keywords, Literals
* Data type
* Variable
* Operators
* Conditional statements
* Loops
* Methods
* Modifiers

**OOPS:**

* Class and Object
* Primitive casting
* Method overloading
* Static keyword
* This keyword
* Constructor
* Constructor Overloading
* this()
* Blocks
* Inheritance
* Super keyword
* Aggregation
* Method overriding
* Super()
* Upcasting and downcasting
* Binding
* Polymorphism
* Abstraction
* Interface
* Encapsulation

**lang Package:**

* Object class
* String, StringBuffer, StringBuilder
* Wrapper class
* Comparable
* Exceptional Handling
* Thread

**Util Package:**

* Collection Framework
* Collections Class
* Arrays Class
* Comparator

**IO Package:**

* File Handling
* Serialization and Deserialization