***Core Java***

* Introduction of java
* JDK installation and setting environment
* Development process, Compiler and interpreter
* Develop a simple program in notepad and execute using command prompt
* Keyword, Identifier and literals
* Variables and operators
* Static and non-static members
* Class and objects
* Memory and memory utilization
* Constructors and Constructor overloading
* Method Overloading and Overriding
* Blocks
* Inheritance and multi level inheritance
* Abstract classes and Concrete classes
* Interface
* Use of final keyword
* Type casting and type promotion
* Packages and Access levels
* Polymorphism in Java
* Exception Handling
* Object class
* String class
* Wrapper classes
* Arrays
* Collection Framework API
* Threads in Java
* File Handling in Java
* Inner classes
* Enumerations and Assertions

**API’s**

* Junit
* Log4j
* Ant/Maven