

CORE JAVA



Language Fundamentals and OOPS – Part 1

- Variables and Data Types
- Underscores in Numeric literals
- Operators, Control Structures
- Strings in switch statement
- Arrays, Arguments
- Command line
- Classes and Objects
- Access Specifiers
- Packages
- Scanner Class

Language Fundamentals and OOPS – Part 2

- Inheritance
- Polymorphism
- Abstract Classes & Interfaces
- Nested Classes
- Java API's
 - String
 - String Buffer
- Wrapper Class

Exception Handling

- Handling Exceptions
- Multiple Exception Catching
- Try with resource statement
- Propagating Exceptions
- User Defined Exceptions

Collections

- Introduction to Collection Framework
- List
- Set
- Map
- Iterator
- ArrayList
- HashSet
- HashMap
- Generics
- Diamond Operator ()
- Comparable
- Comparator

I/O and File Handling

- Introduction to Streams
- IO Stream Classes
- File Handling
- Reading and Writing
- Serialization
- Property Files