

Core-Java Module

Duration: 120 hrs

- History
- Introduction
- Types of Java Application
- Where it is used
- Features
- Understanding simple Java Program
- JVM, JRE & JDK
- Data types
- Variables
- Arrays
- Operators & Operator precedence
- Conditional & Looping statements
- Access modifiers
- Packages
- Methods in a Java program
- Reading from console

1. Scanner

- Java Programs

Duration: 12 hrs

- OOps concepts
 1. Object
 2. Class
 3. Inheritance
 4. Polymorphism
 5. Data abstraction
 6. Encapsulation
- Abstract class & Interface
- Constructors
 1. Types of constructors
 2. Constructor overloading
 3. Constructor chaining
- Keywords

Duration: 8 hrs

- Strings
- String Buffer
- Wrapper classes

Duration: 8 hrs

- FileStream classes

- Exception Handling
- Garbage collections

Duration: 4 hrs

- Collections
 1. ArrayList
 2. LinkedList
 3. Stack
 4. PriorityQueue
 5. Vector
 6. HashSet
 7. LinkedHashSet
 8. TreeSet
 9. HashMap
 10. LinkedHashMap
 11. TreeMap
 12. Hashtable
 13. Sorting

Duration: 8 hrs

- MultiThreading
- Applet
- Swing
- Event Handling
- SQL
- JDBC

Duration: 8 hrs

Batch Timing: 9 am-5.30 pm / 9 am-1 pm / 1.30 pm-5.30 pm / Saturday Only

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