



Java

CORE JAVA SYLLABUS



An ISO 9001 :2015 Certified

AiNS™
COMPUTER INSTITUTE

- What is Java
- History of Java
- Features of Java
- C++ vs Java
- Hello Java Program
- How to set path?
- JDK, JRE and JVM
- JVM: Java Virtual Machine
- Java Variables
- Java Data Types
- Unicode System
- Operators
- instanceof operator
- Control Statements
- Java Control Statements
- Java If-else
- Java Switch
- Java For Loop
- Java While Loop
- Java Do While Loop
- Java Break- Continue
- Java Comments
- Java Object Class
- Naming Convention
- Object and Class
- Constructor
- Wrapper



Java

CORE JAVA SYLLABUS

- Java Array
- Java OOPs
Concepts: Inheritance/Encapsulation /Abstraction/Polymorphism
- Java OOPs Misc
- Java Recursion
- Method :Overloading/Overriding
- Covariant Return Type
- super /final/static /this keywords
- Instance Initializer block
- Runtime Polymorphism
- Dynamic Binding
- Object Cloning
- Abstract class
- Interface Abstract vs Interface
- Package Access
- Object /Math /Wrapper classes
- java doc tool
- Command Line Arg