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## Professional JAVA

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**Embedded Technosolutions** is a Professional Training Institute & a Company which Working for Indian MNCs & Medium/Small Scale Industries in Product R&D, Development, Manufacturing & Customization.

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## Course Syllabus

### Module 1 : Getting Started with Java

- Introduction to Java.
- What is Java?
- Java Virtual Machine.
- Differentiate JVM JRE JDK JIT

### Module 2 : Java Basics

- Hello World Java Example.
- Basic Variables & Datatype in Java.
- Basic Comments in Java.
- Basic Operators in Java.
- Control Statements in Java.



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- Array in Java.
- Objects and Classes in Java.
- Methods in Java.
- Constructors in Java

## Module 3 : Java Object Oriented

- Java Inheritance
- Java Overriding
- Java Polymorphism
- Java Abstraction
- Encapsulation in Java
- Java Interface



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## Module 4 : Important Keyword Utilization

- static keyword in java
- final keyword in Java
- this keyword in Java
- super keyword in Java
- instance initializer block.

## Module 5 : Java Exception Handling

- Exception Handling
- try & catch block and Handling Exceptions
- Multiple and Nested try catch block Handling
- finally block in Java
- row keyword in java
- throws keyword in Java



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## Module 6 : Advanced Exception Operations

- Exception propagation in Java
- Handle exceptions in overriding methods in Java
- User defined Exception in Java
- Multiple Exceptions In Java 7 New Concept



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