

I have been doing java development for 8 years for all kinds of companies from startups to fortune 500 companies. All the topics that are discussed in a class get practiced in the class itself with my assistance. Its practice/practical oriented, Intensive and personalized training. All the topics are covered with examples and ensure that the student understands each and every topic. This course is designed to make the students expert in java.

Ensures that the student can work independently on java without any ones help.

Core Java

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- Java History
- EnvironmentSetup
- (understanding compiler, interpreter, .class, bytecode, jre, jdk, jvm).
- Write and execute HelloWorld.java
- KeyWords, literals & identifiers
- Datatypes,
- most used keywords,
- Basic Code Syntax.
- For Loop Control, while, do while
- If –else conditions
- Static Global Variables
- methods.
- Method signature
- Static Method
- Passing arguments
- Returning type from methods.
- Creating object to a class.
- NonStatic Global Variables
- NonStatic Methods.
- Object Oriented Concepts
- Encapsulation
- Inheritance
- Single Inheritance
- Multi-Level Inheritance
- Polymorphism
- Overloading
- Overriding
- Up casting
- Down casting
- Interfaces
- Abstract Classes
- Abstraction
- Public
- Private,
- default
- protected.
- final
- Arrays
- Collection (List, Set)
- Exception Handling.(try, Catch, finally, throw, throws, checked and unchecked exception, assert, verify).
- Strings
- Basics of Wrapper Classes
- Narrowing and widening
- Files/O - reading properties
- Multithreading

Eclipse

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- Folder Structures in eclipse.
- Java Packages.
- Jar Files.

Topics Covered

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About Core java

Who should attend

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Consultant/Software Professional/

Pre-requisites

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Passion to Learn Java.

What you need to bring

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Participants should bring Laptop that is at good working condition for every class.

Key Takeaways

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Java Expert has 3 years of experience.