



Shaping Talents



Shaping Future

JOIN US

Become a Certified
Technology Expert



JAVA
TRAINING

Java Training

About EnhanceLearn

EnhanceLearn offers you a complete career transition by providing training and placement programs for Students and Jobseekers looking for a Career Success. We provide best IT training and certification courses which is taken by professional certified experts. The training modules are designed as per the market requirement so that it helps student to conquer the Career Job Market and achieve their career goals with our placement assistance.



About the Java Training Course

EnhanceLearn is offering the comprehensive training for building and implementing Service Oriented Architecture with Java. As part of the training you will learn introduction to Java Programming, core Java concepts like data types, OOPs concepts, classes, objects, Structure of the Java Language, Java GUIs, Working with Relational Databases, etc. and Java Development Tools through projects and case studies. Enhance your skills and knowledge with our expert trainers and become an expert in Java.

Why take Java Training Course?

Java is the most popular programming language in use and is the only language that works across all computer and android mobile platforms with no need to be recompiled for each one.

Java is usually used for developing cutting-edge applications for web or mobile platform and acts as the stepping stone for anyone hoping to advance their career in mobile development.

Java is used by most of the tech companies for building their software. It is used in web development (JavaScript) as well as in app development which are platform independent. Moreover it is used to develop for Android. 90% of Fortune 500 companies use Java as a server-side language for backend development.

Excelling in Java also prepares you for a career in big data, as Hadoop (the most generally used framework of big data architecture) uses Java for design and development.

Demand for Java developers has never been higher, with salaries averaging more than \$90,000 per year.

Fast-track your career to take on more lucrative job roles and take your career to the next level.

If you are interested in joining EnhanceLearn's best Training and Placement Program team, please reach our team here:

Course Content:

Module 1: Introduction to Java Programming

- Stand-alone applications and servlets
- Compiling source code into bytecode
- Overview of class libraries

Module 2: Object-Oriented Programming with Java

- The object paradigm
- Encapsulation, inheritance and polymorphism
- OO analysis and design: “Is a” and “Has a”
- Designing an OO application step by step
- Diagramming object structure with Unified Modelling Language (UML)

Module 3: Java's object-oriented features

- Instantiating objects from classes
- Aggregation and composition
- Extending existing classes
- Overloading and overriding methods

Module 4: Structure of the Java Language

- Language syntax
- Declaring and initializing variables
- Declaring and using arrays
- Upcasting, downcasting and autoboxing

Module 5: Flow control

- Invoking methods and passing parameters
- Conditionals and loops
- Handling exceptions with try and catch

Module 6: Defining classes

- Fields (instance data)
- Methods (functions)
- Abstract classes and interfaces
- Organizing classes with packages and modifiers
- Composition vs. inheritance

Module 7: Building the components of a Java program

- Leveraging generics with the collections API
- Developing new classes
- Compiling and debugging

Module 8: Developing GUIs

- Foundations of user interfaces
- Basic GUI widgets
- Event-driven programming
- Benefits of a portable windowing library

Module 9: Java Foundation Classes (JFC)

- Creating Swing components
- Adding Swing components to containers
- Arranging Swing components using layout managers
- Dialogs and message boxes

Module 10: Event handling

- Registering event handlers
- Inner classes and top-level classes

Module 11: Storing and Retrieving Data with File I/O/Java streams

- Streams, Readers and Writers
- Catching and throwing exceptions
- Formatting text output

Module 12: Files and directories

- Reading and writing files
- Creating, deleting and renaming files
- Obtaining directory and file information

Module 13: Working with Relational Databases

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Java Training

- JDBC database access
- Leveraging the JDBC API
- Choosing database drivers
- Connecting to a database

Module 14: Improving performance with prepared statements and stored procedures

- Submitting SQL statements
- Retrieving and processing results

Module 15: Java Development Tools

- Java Development Kit (JDK)
- Compiler (javac)
- Javadoc utility
- Java Archive (JAR) utility
- Java Integrated Development Environments (IDEs)

Module 16: Java Projects



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