



Java Programming

Learn to develop projects & applications with Java

Curriculum Brochure

Java Programming Language

TRAINING

Java is one of the most popular programming languages in the world, with a wide range of applications in various domains, including web development, mobile app development, desktop applications, and enterprise software. It is an object-oriented language that is designed to be platform-independent, which means that Java code can be executed on different operating systems without modification. The scope of Java is broad, and it is used by millions of developers worldwide.

One of the reasons why it is important to learn Java programming for getting a job is its wide adoption in the industry. Many companies, both large and small, use Java for their software development needs. Some of the major companies that use Java include Google, Amazon, Netflix, and LinkedIn, among others. By learning Java, job seekers can increase their chances of landing a job in these companies or any other company that uses Java.

Another reason why it is important to learn Java programming is its versatility. Java can be used for a wide range of applications, from developing mobile applications for Android to building enterprise software for large organizations. It is also used in web development, where it is commonly used to develop web applications and server-side applications using frameworks like Spring and Hibernate.

By learning Java, job seekers can acquire a skill set that can be applied to a wide range of industries and applications.

Moreover, Java has a vast community of developers, which means that there is a wealth of resources available to learners, including tutorials, forums, and documentation. This community has created a rich ecosystem of libraries, frameworks, and tools that make Java development easier and more efficient. By learning Java, job seekers can tap into this community and leverage these resources to develop their skills and solve problems more effectively.

In conclusion, the scope of Java is broad, and it is used by millions of developers worldwide. Learning Java programming is important for getting a job because of its wide adoption in the industry, versatility, and the vast community of developers that support it. By acquiring skills in Java programming, job seekers can increase their employability, develop a skill set that can be applied to a wide range of applications and industries, and tap into a vast ecosystem of resources and tools to enhance their development capabilities.



Java Programming Training Program

This program is designed to train students with the skills and experience to write java programs by understanding the object oriented programming & software development concepts.



Practical Based Sessions

Training program available in four months & six months duration



Dummy Projects

To build your hands-on expertise & portfolio



Resume Building Assistance

To create an attractive resume for your candidature



Interview Preparation

So you can present your skills in a better way



Mentoring & Job Assistance

To help you in getting good career or placements

Who can join

Any student can join the Java Programming training program. The student must have interest in programming with basic computer knowledge.

Students from any specializations of B.Tech / M.Tech / BCA / MCA / B.Sc. / M.Sc, who are looking to learn programming and enhance their practical skills can join the Java Programming training program.

Working professionals or job seekers, who are looking to enhance their programming skills can join the Java Programming training program.

Training Mode

Online Live Classes are available

- 4x more effective way of learning
- Hands-on experience with projects & assignments
- Virtual class with real interaction with trainer
- Monitoring support & troubleshooting issues
- Masterclass from industry experts & leaders
- Live class recordings for revision purpose

Java Programming Training in Agra



Learn2Earn Labs

F-4, First Floor, Anna Ikon Complex, In Front of Deviram Food Circle, Sikandra-Bodla Road, Sikandra, Agra, Uttar Pradesh – 282007

Call : +91-9548868337

Training Modules

Objectives :

The training objective of Java programming is to equip learners with the skills and knowledge required to develop software applications using Java. This includes understanding the fundamentals of the Java programming language, such as data types, control structures, and object-oriented programming concepts, as well as learning to use Java tools and frameworks for developing applications. The training aims to provide learners with a comprehensive understanding of Java programming, enabling them to develop robust, scalable, and efficient applications for various domains, including web, mobile, desktop, and enterprise.

Course 1 : Java Core Programming (30 Days)

Introduction to Object Oriented Programming & Java, methods, variables, constructor & blocks, control flow (if-else, switch, while loop, do while loop, for loop, return, break, continue, etc.), OOPS concepts (Inheritance, Polymorphism, Encapsulation & abstraction), Inner classes (regular, method local, static, & anonymous), Inner interfaces, Wrapper classes, String Handling, Exception Handling, Multithreading, File Handling, Input/Output.

Module 2 : GUI, Event Handling and Java Database Connectivity (30 Days)

Introduction to GUI, component, container, AWT, Java Foundation Classes (swing), Layout Managers, Event Handling, Event Listeners and Handlers, Adapter Classes, Lambda Expression.

Introduction to Database & MySQL, MySQL Installation, MySQL Structure, Schema (Create, Drop & User Database), Table Operations (Create, Drop, Alter, Rename, Update, Add, Column Insert, Update, Delete, Select, etc), Conditions (Where, AND, OR, NOT, etc), Introduction to JDBC, JDBC drivers, Required Interfaces, Execute methods, CRUD operations, Aggregate functions, Transaction Management, PreparedStatement, stored procedures, callable statement, batch updates, date values, BLOB & CLOB.

Module 3 : Collection, Generics and Java Web Programming (30 Days)

Introduction to Collection Framework, Arrays vs Collections, Key Interfaces, List, Set, SortedSet, NavigableSet, Queue, Map, SortedMap, NavigableMap, ArrayList and Vector, Stack, LinkedList, Iterator, ListIterator, HashSet, LinkedHashSet, SortedSet, TreeSet, HashMap, LinkedHashMap, Introduction to Generics, Time Safety, Type Casting, Generic Methods.

Introduction to Web Technologies (HTML, CSS & JavaScript) & Servlet, Application types, web application directory structure, servlet execution, important methods, CRUD Operations, RequestDispatcher, Servlet Filters, Session Tracking, URL Rewriting, cookies, hidden form fields, Servlet Listeners & Events, Annotations in Servlet.

Introduction to JSP, Servlet vs JSP, Model Architecture, Scripting Elements (Scriptlets, Expression, Declarations, Comments), JSP Implicit Object, JSP Directives (page, include, taglib), JSP scopes (Page, Request, Session, Application), JSP Actions (standard, custom).

Module 4 : Assignments & Interview Preparation

This module is available for those who enroll in 90 days training program of Java programming. The candidate will go through various assignments, and case studies to get hands-on experience. The candidate will also get trained in respect of cracking the viva and interviews.

Module 5 : Minor Project Work

After the completion of all the 90 days module of this java programming training program, some projects would be assigned to you to improve your practical knowledge and project experiences.

Below are the tentative details about the projects on which you can work under the guidance of respective faculty member.



E-Commerce
Web Project

An eCommerce web project with Java, JDBC, Servlet, and JSP technologies for users to browse and purchase products or services. The project would use Java as the programming language, along with JDBC for database connectivity, and Servlets and JSPs to handle requests and generate dynamic content. The project would have a variety of features such as a product catalog, shopping cart, checkout process, user authentication and authorization, order tracking, and customer support.



Hospital System
Web Project

The Hospital System project is a web-based application developed using Java, Servlet, JSP, and JDBC technologies. It is designed to provide an efficient and effective means of managing the hospital's operations, including managing patient information, scheduling appointments, managing doctor information, etc. The application is integrated with a database that stores all the necessary data and uses JDBC to perform database operations. The front-end is developed using JSP and Servlets, which provide a dynamic interface for the users to interact with the system.



Informative Blog

An informative blog with Java, JDBC, Servlet, and JSP technologies to provide informative and engaging content to users. The project would use Java as the programming language, along with JDBC for database connectivity, and Servlets and JSPs to handle requests and generate dynamic content. The project would have features such as user registration, article creation, and comment section. The project's goal is to provide a user-friendly and interactive platform that enables users to access informative articles and engage in discussions.

Interview Preparation

- Tell me about yourself.
- How did you hear about the position?
- What do you know about our company?
- Why did you apply for this position?
- What are your strengths and weaknesses?
- Why do you want to work with us?
- Why should we hire you?
- What is your dream job?
- Why do you want to leave your current job?
- Do you have any Offer?
- Have you ever been forced to resign?
- What do you like the least about your current job?
- What do you like to do outside of work?



Always Check Before Joining Any Company

most of the people just join any company for getting an handsome salary or experience and after joining they face lots of challenges.

Job Responsibilities & Expectations	Monetary Payment & Compensation	Company Culture & Values	Career Growth Opportunities	Work-Life Balance
Job Location & Commute	Reputation & Stability	Contract Terms & SOW	Company Stability	Work Ethics & Environment

Benefits / Perks with Learn2Earn Labs Training Program



Hands-On Training



Working Experience



Valid Certification



Corporate Connections



Attractive Portfolio



Video Resume



Professional Development

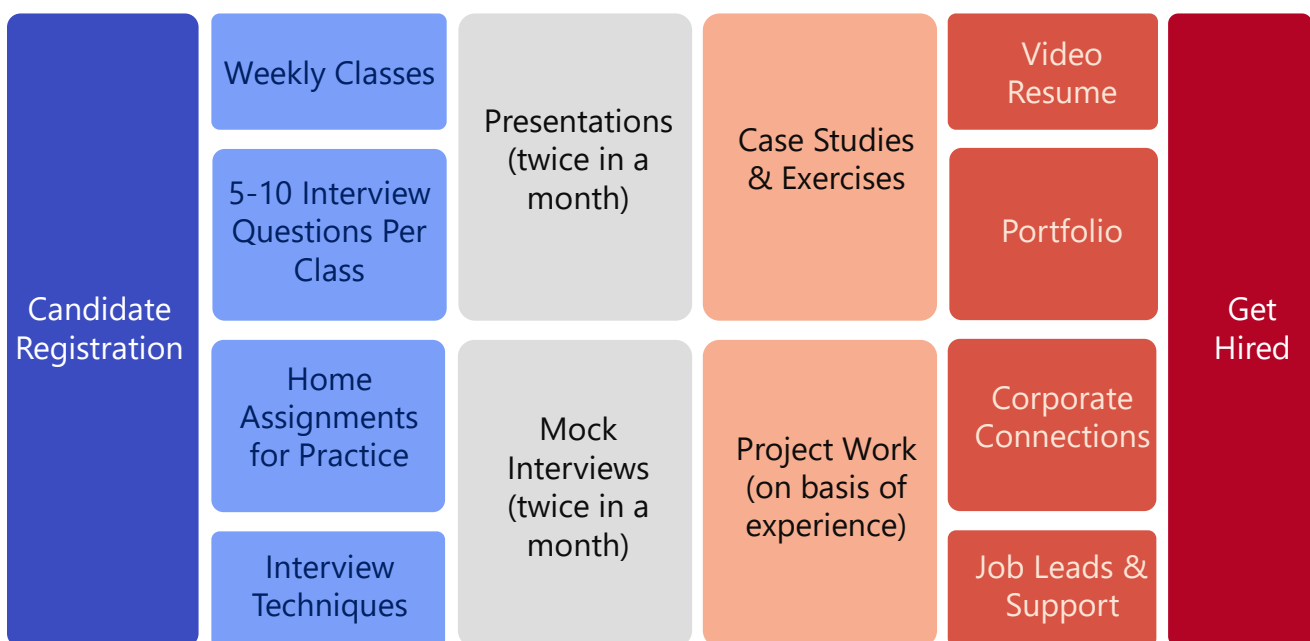


Interview Leads

We follow a dynamic & vibrant Job Assistance Execution Path


In present scenario providing job surety is easy, only we need to focus on outcome based learning and practical work enhancement. We know that every candidate is enough capable to understand the concepts and implement those concepts for improving his/her practical knowledge and experience.

Hence we are following a dynamic & vibrant Job Assistance Execution Path while conducting our job guarantee training programs and job assistance training programs. We are proud to say that we prepare candidates who can perform better throughout their professional journey and will always remains unbeatable.



We also offers

Variety of Job Oriented Training Programs

 <p>Java Full Stack Duration : 4 months 6 Months</p>	 <p>Full Stack Web Development Duration : 4 months 6 Months</p>	 <p>8 LPA+ Job Guarantee Full Stack Software Engineer Duration : 1 Year 600 Hours</p>
 <p>Cloud Computing & DevOps Duration : 4 months 6 Months</p>	 <p>Digital Marketing Duration : 6 months 1 Year</p>	 <p>Data Science & ML Duration : 4 months 6 Months</p>



Learn2Earn Labs

A training unit of
Ninepages Techsolutions Private Limited, Agra
Email : query@learntoearnlabs.com
Contact No : +91-9837-705-705

