



Training Program

Java Certification Training



1.2 Million
Learners



1-1 Personalized
Mentorship



60% Average
Salary Hike

About Program



Learning Format

Online / Offline



Trainer

Industry Professionals



Career Services

By Croma Campus

Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

What Make Us **Tick**



Career-oriented Sessions

Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory



Mock Interview Preparation

Prepare with mock interviews including most asked questions by top employers



Dedicated Job Portal Access

Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal



Profile Building

Craft a resume and LinkedIn profile and make an impression on top employers



1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to respective Technology



Guaranteed interviews

Get job interviews with 400+ hiring partners including promising startups and top MNCs

Core Java /Adv. Java **Training Curriculum**

✓ Introduction:

- Java History
- Differences between java and others
- Java Features
- Java Naming Conventions

✓ First Java Application Development:

- Java Installation
- Editor
- Java Application and Java File Saving.
- Compile Java File
- Execute Java Applications.

✓ Language Fundamentals

- Operators
- Identifiers
- Literals
- Data Types and Type casting
- Java Statements
- Arrays

✓ OOPS

- Introduction
 - Class
 - Object
 - Encapsulation
 - Abstraction
 - Inheritance
 - Abstraction
 - Polymorphism
 - Message Passing
- Object Based PL VS Object Oriented PL
- Class syntax
- Method Syntax
- Var-arg method.
- Accessor Methods VS Mutator Methods
- Syntax to create an object
- Immutable Objects VS Mutable Objects
- Object Vs Instance

- Constructors
 - Default Con.
 - User defined con.
 - 0-arg-con.
 - param-con.
- Instance Context
 - Instance variable
 - Instance block.
 - Instance method
- This keywords
 - To refer current class variable.
 - To refer current class methods.
 - To refer current class blocks.
 - To return current class objects.
- Static keyword
 - Static variable
 - Static block
 - Static method
 - Static import
- Main () method
 - Public static void main (String [] args)
 - Why public?
 - Why static?
 - Why void?
 - Why main?
 - Why String [] as parameter?
 - Is it possible to overload main (-) method?
 - Is it possible to override main (--) method?
 - Is it possible to provide more than one main (--) method with in a single java appl?
 - Is it possible to execute any java application without using main method?
- Factory Method
- Singleton classes and Doubleton classes
- Final Keyword
 - Final variable
 - Final class

- Final method
- Enum keyword
- Relationships in JAVA
 - IS-A Vs HAS-A Vs USE-A
 - Associations in Java
 - one-one
 - many-one
 - one-many
 - many-many
 - Inheritance and Types of inheritances
 - Single
 - Hierarchical
 - Multiple
 - Hybrid.
 - Multilevel
 - Static flow in inheritance
 - Instance flow in inheritance
 - Super keyword
 - Class level type casting
- Poly Morphism
 - Static PM
 - Dynamic PM
 - Method overloading
 - Method overriding
- Abstract Methods Vs Concrete Methods
 - Abstract class Vs concrete Class
 - Class Vs Abstract class Vs interface
 - "Instance of" operator
 - JAVA8 features in interfaces
- What is Adapter class?
 - What is marker interface?
- Object Cloning
 - Shallow Cloning
 - Deep Cloning

✓ Inner classes:

- Member Inner class

- Method local Inner class
- Static Inner class
- Anonymous Inner class

✓ **Wrapper classes:**

- Byte
- Short
- Integer
- Long
- Float
- Double
- Boolean
- Character

✓ **Packages:**

- What is a package?
- Adv. of packages
 - Modularity
 - Reusability
 - Abstraction
 - Sharability
 - Security
- Types of packages
 - Predefined packages
 - User defined packages
- Jar files preparation
- Executable Jar files
- Batch files preparation

✓ **String manipulations:**

- String
- String Buffer
- String Builder
- String to kenizer

✓ **Exception Handling:**

- Error VS Exception
- Exception Def.

- Types of Exceptions
 - Predefined Exceptions
 - User defined Exceptions
- Checked Exception VS Unchecked Exception
 - Pure Checked Exceptions
 - Partially Checked Exceptions
- Throw Vs throws
- try-catch-finally
- Custom Exceptions
- Java7 Features in Exception Handling
 - Automatic Resource management
 - Multi catch block.

✔ Multi-Threading:

- Process Vs Processor Vs Procedure
- Single Processing Mech. Vs Multi Processing Mech.
- Single Thread model And Multi Thread Model
- Thread Design
 - Extending Thread class
 - Implementing Runnable interface.
- Thread lifecycle
 - New/Born
 - Runnable
 - Running
 - Blocked
 - Dead
- Thread class library
 - Sleep ()
 - Join ()
 - Yield ()
 - Stop ()
- Thread class library
- Synchronization
- Inter Thread communication
 - Wait ()
 - String tokenizer
 - Notify ()

✓ IOStreams:

- What is stream?
- Types of Streams?
- Byte-oriented Stream
 - Input Streams
 - Output Streams
- Character-Oriented Streams
 - Reader
 - Writer
- File Input Stream Vs File Output Stream
- File Reader Vs File Writer
- File Vs Random Access File
- Serialization vs Deserialization
- Externalization

✓ Networking:

- Standalone Appl. Vs Distributed Appl.
- Client-Server Arch.
- Socket Vs Server Socket
- Network Appl. Arch.
- Socket Programming.

✓ Reflection API:

- Class
- Field
- Method
- Constructor

✓ Annotations:

- What is Annotation?
- Adv of annotations
- Comments Vs Annotations
- Types Of annotations
 - Built-in Annotations
 - Override
 - Inherited
 - Deprecated
 - Target

- Suppress Warnings
- Documented
- Retention
- User Defined Annotations

✓ **Regular Expressions:**

- Introduction
- Pattern
- Character
- Quantifiers

✓ **Garbage Collection:**

- Introduction
- Approaches to make an object for GC
- Methods for requesting JVM to run GC
- Finalization

✓ **JVM Arch.**

- Class Loading Sub System
- Memory Management System
- Execution Engine
- Java Native Interface
- Java Native library

✓ **Generics:**

- Introduction
- Generic Classes
- Generic Methods & Wild Card Character.
- Inter Communication with Non-Generic Code

ADV. JAVA **Training Curriculum**

✔ **Collection Framework:**

- Collection Arch.
- List and its implementations
 - Array List
 - vector
 - LinkedList
 - stack
- Set and its implementations
 - Hash Set
 - Linked Hash Set
 - Tree Set
- Map and its implementations
 - Hash Map
 - Hash table
 - Properties
 - TreeSet
- Queue and its implementations
 - Priority Queue
 - Blocking Queue
 - Priority Blocking Queue
 - Linked Blocking Queue
- Iterators
 - Iterator
 - List Iterator
 - Enumeration
 - Message Passing

✔ **JDBC:**

✔ **Collection Framework:**

- Collection Arch.
- List and its implementations
 - Array List
 - vector
 - ILinkedList
 - stack

- Set and its implementations
 - Hash Set
 - Linked Hash Set
 - Tree Set
- Map and its implementations
 - Hash Map
 - Hash table
 - Properties
 - TreeSet
- Queue and its implementations
 - Priority Queue
 - Blocking Queue
 - Priority Blocking Queue
 - Linked Blocking Queue
- Iterators
 - Iterator
 - List Iterator
 - Enumeration
 - Static import

JDBC:

- Storage Areas
 - Temporary Storage Area
 - Permanent Storage Areas
- Query Processing System
 - Query Tokenization
 - Query Processing
 - Query Optimization
 - Query Execution
- Driver and Driver Types
 - Type 1 Driver
 - Type 2 Driver
 - Type 3 Driver
 - Type 4 Driver
- Steps to design JDBC Applications
 - Load and register the Driver.
 - Establish the connection between Java Application.

- Prepare either Statement or prepared Statement or Callable Statement Objects.
- Write and execute SQL Queries.
- Close the connection.
- Prepared Statement
 - PreparedStatement with insert sql query
 - PreparedStatement with update sql query
 - PreparedStatement with select sql query
 - PreparedStatement with Dates Handling
 - PreparedStatement with Batch Updatations
- Callable Statement
 - CallableStatement with procedure
 - CallableStatement with function
 - CallableStatement with CURSOR Type Procedure
 - CallableStatement with CURSOR type function
- Transaction Management
 - Atomicity
 - Consistency
 - Isolation
 - Durability
- Savepoint
- Batch Updatations

✔ **SERVLETS:**

- Introduction
- Enterprise Applications
 - Web Applications
 - Distributed Applications
- Client-Server Arch
 - Client
 - Protocol
 - Server
- Servlets Design
 - Servlet interface
 - Generic Servlet
 - Http Servlet

- Servlet Lifecycle
- Servlet Config
- Servlet Context
- Servlet Communication
 - Browser-servlet
 - SendRedirect Mechanism
 - Web-component
 - Include Mechanism
 - Forward mechanism
- Session Tracking Mechanisms
 - HttpSession Session Tracking Mechanism
 - Cookies Session Tracking Mechanism
 - URL-Rewriting Session Tracking Mechanism
 - Hidden Form Fields Session Tracking Mechanism
- Servlets Filters

✓ **JAVA SERVER PAGES:**

- Introduction
- JSP Life Cycle
- JSP Elements
 - JSP Directives
 - Scripting Elements
 - JSP Actions
- JSP Directives
 - Page Directive
 - Include Directive
 - Taglib Directive
- JSP Scripting Elements
 - Declarations
 - Scriptlets
 - Expressions
- JSP implicit objects
 - Out
 - Request
 - Response
 - Config
 - Application
 - Session

- Exception
- Page
- Page Context
- JSP Standard Actions
 - `<jsp:useBean>`
 - `<jsp:setProperty>`
 - `<jsp:getProperty>`
 - `<jsp:include>`
 - `<jsp:forward>`
 - `<jsp:param>`
- JSP Custom Actions
 - Tag
 - IterationTag
 - BodyTags
- JSTL
 - Core Tags
 - XML Tags
- Expression Language
 - EL operators
 - EL implicit objects.
 - EL functions.

e-Learning through LMS

Learning Management System

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

Key Features Learning Management System



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



Training Certification

Earn Your Certificate

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



Croma Campus! Reviews



“The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot.”

“*By The Students For The Students,*”

Your Success Is **Our Story**



Bharat

“ I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. ”



Ankit

“ It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. ”



Nitesh

“ Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. ”



Shams Khan

“ Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. ”



Meet Our Team



Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

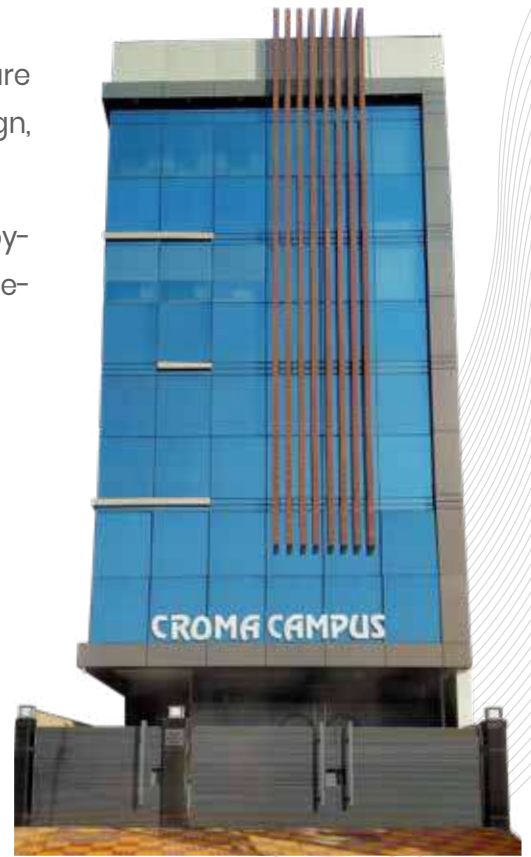


Glimpse Of Our Office

Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.



About Cromacampus

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are Affiliated With Different Partners



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