



ROLASOFT PROFESSIONAL COMPUTER & IT
COURSES VERSION 2.0 LATEST

Diploma in Certified Java Enterprise Application Developer

*Become a job-ready Java Developer in 6
months!*

Benefits of Studying Diploma in Java Programming with RolaSoft

✓ 1. Industry-Relevant Curriculum

Stay ahead with a syllabus designed by industry experts, focused on real-world applications of Java.

✓ 2. Hands-On Training

Learn by doing — build real-time projects, develop applications, and gain practical coding experience.

✓ 3. Experienced Instructors

Gain insights from certified professionals and senior software engineers with years of teaching and industry experience.

✓ 4. Placement Assistance

Access job support services including resume building, mock interviews, and direct placement opportunities with partner companies.

✓ 5. Flexible Learning Modes

Choose between: **Online**, **Offline (at our center)**, or **Hybrid Classes**

Benefits of Studying Diploma in Java Programming with RolaSoft

✓ 6. Mini & Major Projects

Work on individual and group projects to strengthen your portfolio and impress future employers.

✓ 7. Certification Upon Completion

Earn a **Diploma Certificate** from **RolaSoft Technologies**, recognized by IT recruiters and employers.

✓ 8. Small Batch Size

Personalized attention and better interaction in small groups for an enhanced learning experience.

✓ 9. Affordable Fees & Installment Plans

Top-tier training at a reasonable cost, with flexible payment options.

✓ 10. Career-Oriented Skills You'll Gain at RolaSoft Technologies

RolaSoft ensures you're job-ready with the right tech stack and practical knowledge.

Diploma in Certified Java Programming Course Details



Duration

Six (6) Months



Schedule

Weekdays / Weekends



Learning Modes

Online, Offline (at our center), or Hybrid Classes



Start Date

New batches start every month — enroll now!



Eligibility

No prior experience required

Certified Java Programming Language Prerequisites

- ✓ Basic knowledge of mathematics and logical reasoning
- ✓ No prior programming experience is required, but familiarity with computers is helpful
- ✓ Familiarity with OOP concepts, databases, and web technologies
- ✓ Experience with basic HTML, CSS, and JavaScript is a plus

Certified Java Programming Language – Program Details

Program Overview

The **Java Programming Language Course** by ***Rolasoft Technologies Services*** is a comprehensive, hands-on training program designed to equip learners with the skills and knowledge required to become proficient Java developers. Over the course of six months, students will gain a strong foundation in object-oriented programming, develop desktop and web applications, and explore advanced features such as multithreading, collections, JDBC, and frameworks like Spring and Hibernate.

Whether you're a student, job-seeker, or IT professional looking to upskill, this course prepares you for real-world software development, coding interviews, and industry certifications.

Diploma in Certified Java Programming Course Curriculum

Month 1: Java Fundamentals

- ✓ Introduction to Java and its features
- ✓ Installing JDK and setting up IDE (Eclipse/IntelliJ)
- ✓ Writing your first Java program
- ✓ Variables, Data Types, Operators
- ✓ Conditional statements and loops
- ✓ Input/Output (Scanner, System.in/out)
- ✓ Java coding standards and best practices

Diploma in Certified Java Programming Curriculum

Month 2: Object-Oriented Programming in Java

- ✓ Classes and Objects
- ✓ Constructors and Method Overloading
- ✓ Inheritance and Polymorphism
- ✓ Abstraction and Encapsulation
- ✓ Interfaces and Abstract Classes
- ✓ Access Modifiers and Static members
- ✓ Object class and method overriding

Diploma in Certified Java Programming Curriculum

Month 3: Core Java Features

- ✓ Arrays and Strings
- ✓ StringBuilder vs String Buffer
- ✓ Exception Handling (try-catch-finally, throws, custom exceptions)
- ✓ Packages and Java API usage
- ✓ Wrapper Classes and Autoboxing
- ✓ Enum types
- ✓ Introduction to Java Memory Management and Garbage Collection

Diploma in Certified Java Programming Curriculum

Month 4: Advanced Java Concepts

- ✓ Collections Framework (List, Set, Map, Queue)
- ✓ Generics and Lambda Expressions
- ✓ Functional Interfaces and Streams API (Java 8+)
- ✓ Multithreading and Concurrency
- ✓ Synchronized methods and thread lifecycle
- ✓ File I/O using java.io and java.nio packages

Diploma in Certified Java Programming Curriculum

Month 5: JDBC and GUI Development

- ✓ Introduction to JDBC
- ✓ Connecting Java with MySQL/Oracle
- ✓ CRUD operations via JDBC
- ✓ Prepared Statements and Result Sets
- ✓ Building GUI with Swing or JavaFX
- ✓ Event Handling and GUI Layouts
- ✓ **Mini Project:** Database-Driven Desktop Application

Diploma in Certified Java Programming Curriculum

Month 6: Web & Enterprise Java + Capstone

- ✓ Introduction to Servlets and JSP
- ✓ MVC Architecture in Web Apps
- ✓ Session Handling and Filters
- ✓ Introduction to Spring Framework (Core, Boot basics)
- ✓ Introduction to Hibernate ORM
- ✓ Deployment and Packaging (JAR, WAR)

Diploma in Certified Java Programming Curriculum

- ✓ **Capstone Project:** End-to-End Java Application (Desktop or Web)
- ✓ Final Presentation and Review

Tools & Technologies Used

Tools & Technologies Used for **Certified Java Programming Course** are:

- ✓ Java SE 8 or higher
- ✓ Eclipse / IntelliJ IDEA
- ✓ MySQL / Oracle Database
- ✓ Swing / JavaFX, JDBC
- ✓ Apache Tomcat (for Web Apps)
- ✓ Spring Boot

Final Capstone Project (End of 6 Months)

Students will complete an **industry-level project** in Java Programming :

- ✓ A fully functional Web & Enterprise Java and End-to-End Java Application (Desktop or Web)

Certified Java Programming Learning Outcomes

By the end of this course, students will be able to:

- ✓ Write clean, object-oriented Java code
- ✓ Create real-world desktop and web applications
- ✓ Connect Java applications to databases
- ✓ Understand core Java libraries and advanced features
- ✓ Prepare for Java developer interviews and certifications

Certification Obtain

After completion of the program, the student will be awarded with a certificate:

Diploma in Certified Java Enterprise Application Developer

The program also prepares students for industry certifications such as:

- ✓ Oracle Certified Associate Java Programmer (OCAJP) – Java SE 8 or SE 11
- ✓ Oracle Certified Professional Java Programmer (OCPJP) – Java SE 8 or SE 11
- ✓ GitHub or Git Certifications (e.g., GitHub Learning Lab, GitLab CI/CD Basics)

Certified Java Programming Career Opportunities

- ✓ Java Enterprise Developer (JEE Developer)
- ✓ Backend Developer
- ✓ Full Stack Java Developer
- ✓ Software Engineer / Software Developer
- ✓ Java Solution Architect
- ✓ System Integration Specialist
- ✓ Technical Lead / Team Lead (Java)
- ✓ Application Support Engineer (Java Applications)

Who Should Take This Certified Java Programming?

Who Should Take This **Certified Java Programming**?

- ✓ Students & Graduates
- ✓ Working Professionals
- ✓ Career Switchers
- ✓ Tech Enthusiasts
- ✓ Professionals Upskilling in Java
- ✓ Aspiring Software Developers
- ✓ Beginners in Programming

Rolasoft Technologies Services

Rolasoft Technologies – Services Offered

✓ **SOFTWARE DEVELOPMENT COMPANY**

(MOBILE APPLICATION, WEB APPLICATION, DESKTOP APPLICATION, CUSTOMIZED APPLICATION, E-COMMERCE WEBSITE)

✓ **PROFESSIONAL COMPUTER AND IT EDUCATION**

(TOP-UP PROGRAMS, DIPLOMA PROGRAMS, CERTIFICATE PROGRAMS, TECH @ SCHOOL, CORPORATE PROGRAMS, SIWES PROGRAMS, CUSTOMIZED PROGRAMS)

✓ **DIGITAL ADVERTISING AND BUSINESS BRANDING**

(SOCIAL MEDIA MARKETING, EMAIL MARKETING, CONTENT MARKETING, WEBSITE SEO, BRANDED CLOTHING, STICKERS AND TAG, CUSTOM BRANDING, AND MANY MORE)

✓ **INTERNATIONAL UNIVERSITY ADMISSION PROCESSING**

(AMERICA, UK, CANADA, EUROPE, AFRICA, AND MANY MORE)

Contact & Registration

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Enroll Today & Start Your Java Journey!
Code your future with Java.