

JAVA Certificate Course

Course Overview

Java is a high-level, object-oriented programming language developed by James Gosling and his team at Sun Microsystems (later acquired by Oracle Corporation). It was first released in 1995 and has since become one of the most widely used and influential programming languages in the world. Java's popularity stems from its portability, security, scalability, and robustness, making it suitable for a wide range of applications.

Key Features of Java:

- **Platform Independence:** Java is designed to be "write once, run anywhere" (WORA). It achieves platform independence through the use of the Java Virtual Machine (JVM), which allows Java applications to run on any platform that has a compatible JVM installed.
- **Object-Oriented Programming (OOP):** Java follows the principles of object-oriented programming, emphasizing the use of classes and objects. It supports concepts like encapsulation, inheritance, polymorphism, and abstraction.
- **Automatic Memory Management:** Java manages memory automatically through a process known as garbage collection. Developers don't need to manually allocate or deallocate memory, making Java programs less prone to memory-related errors.
- **Rich Standard Library:** Java comes with a vast standard library that provides a wide range of pre-built classes and functions for common programming tasks, such as file I/O, networking, data structures, and GUI development.
- **Multithreading:** Java supports multithreading, allowing developers to create applications that can perform multiple tasks concurrently, enhancing performance and responsiveness.
- **Exception Handling:** Java provides robust mechanisms for handling errors and exceptions, ensuring that programs can gracefully recover from unexpected situations.
- **Security:** Java was designed with security in mind, and it includes features like a security manager to protect against unauthorized access and malicious code.
- **Networking:** Java has built-in support for networking, enabling developers to create applications that communicate over the internet.

Pre-Requisites

- Basic Programming Concepts
- Object-Oriented Programming (OOP) Concepts
- Programming Logic
- knowledge of C, C++,

Remember that dedication, practice, and a willingness to learn are more important than having extensive prior knowledge. As you progress through the Java course, you will gradually build your programming skills and become more proficient in Java.

Benefits of Learning Java

Learning Java offers a wide range of benefits, making it a highly valuable programming language to add to your skillset. Here are some of the key advantages of learning Java:

- Versatility and Popularity
- Platform Independence
- Object-Oriented Programming (OOP)
- Rich Standard Library
- High Performance
- Android App Development
- Enterprise Applications
- Internet of Things (IoT)

Overall, learning Java equips you with valuable programming skills and knowledge that are applicable in a wide array of industries and domains. Whether you're just starting your programming journey or looking to expand your skillset, Java is a language that can open many doors for your future career prospects.

Related Job Roles

- Java Developer
- Android Developer
- Software Engineer
- Full-Stack Developer
- Web Developer
- Enterprise Java Developer
- Game Developer

These are just a few examples of the job roles that require Java skills. The versatility of Java allows professionals to explore various domains and industries, making it a valuable language to learn for those seeking a successful career in software development and related fields.

Available Training Options

- Online/Offline
- Weekdays Batches
- Weekend Batches
- Course - Duration: 45 Days
- Mode of Training - Online - Live Online Classes
- Daily 1Hr (Need to have a laptop or Computer with Good Internet)

Dedicated Trainer, Practical sessions. One-on-One Live Training Session with Hands-on Practical Training. For fees details and discounts whatsapp on Phno: +91 8050123030

Java Training Syllabus

Introduction to Java

- History
- Features
- Setting up path
- First Program in Java
- Basic Syntax
- Comments
- Variable and Data Types
- Operator

Conditional Statements

- If- else
- else if
- Nested if

Looping

- For
- While
- Do while
- Break
- Continue

Java Object Class

- Java OOPs Concepts
- Naming Convention
- Object and Class
- Method
- Constructor
- static keyword
- this keyword
- Java - Methods
- Java - Files and I/O
- Java - Exceptions
- Java - Inner classes

Java OOP

- Java - Inheritance
- Java - Overriding
- Java - Polymorphism
- Java - Abstraction
- Java - Encapsulation
- Java - Interfaces
- Java - Packages

Java Advanced

- Java - Data Structures
- Java - Collections
- Java - Generics
- Java - Serialization
- Java - Networking
- Java - Sending Email
- Java - Multithreading
- Java - Applet Basics
- Java - Documentation

For Registration/ Customization of Course / Course Fees

Call / What's app on:	+91 8050123030
Duration:	45 Days
Mode of Training:	Online
Weekdays:	Monday-Friday
Weekends:	Saturday and Sunday

Student Review

Arvind Raju

From : Oman

I've taken up the Advance Python & Arcpy classes from this institute with trainer Mrs. Roselynn is very knowledgeable and teaches the course topics with great detail. Everything was easy to understand and I was always helped with doubts until it was completely rectified. I would definitely recommend this Institute to anyone wanting to learn Python or any of the other courses they offer.

Ullash Ghosh

From : Kolkatta

Excellent teaching of Advance Python programming by experienced trainer. Flexible timings. It was an awesome experience.

Jahir Hussain

From : Qatar

Its Helped me to identify clear, be able next steps towards resolving my own workplace conflict and issues.

Ayeesha H

From : Bangalore

Great knowledge given by the mentor, Best training institution. Mam has explained all the topics very clearly.

Student Review

Vishnu vg From Kerala

My trainer, has a very good command over all the topics. She has explained each topic very clearly. We got a good understanding of all the concepts as she used to write programs daily for the real time scenarios. She make us practice during the classes. Overall I could say, you will be gaining good hands-on and understanding by end of the course

Eshawar Rao From Hubli Dharwad

Excellent Faculty, Excellent Knowledge about subject, madam gives Attention towards every individual student, Madam is having enough Patience in clearing all individual doubts, Overall Excellent training centre to learn and to grow.

Siddhi Kanekar From Pune

Best training institution. Mam has explained all the topics very clearly.
Thank you so much mam for being part of your institution.

Aghil Dev From Orisa

I happy to be a student of rose mam, as she was always present to help. My classes were good and helped me in understanding the concept. Thanks rose mam

Gaurav Chauhan

Position: GIS Analyst

Company:

Carifer Technologies Private Limited
Chennai

Salary: 13 LPA

Harisha

Position: GIS Analyst

Company:

GVS Technosoft Pvt. Ltd
Salary: 10 LPA

Ankit Hemnani

Position: Software Engineer .Net

Company:

Celtic System Pvt.Ltd
Salary: 7.5 LPA

Harish Vijayakumar

Position: Project-Assosiate

Company:

Cognizant Technology Solutions India
Private Limited
Salary: 12 LPA

KIRAN B

Qualification: MBA

Position: Business Head

Experience: 18 Years

His extensive experience in Operations Management, Client Acquisition, HR & Recruitment, and working with startups, he has demonstrated a track record of success across multiple industries and geographies. Starting from an executive level, he progressed to management positions, where he implemented process improvements to enhance efficiency, increase revenue, and drive growth. His vast network of colleges and training centers has significantly contributed to the development of robust recruitment and training pipelines. Moreover, he has successfully engaged with diverse clients.

NIKHIL S D

Qualification: BE Civil

Position: CAD Trainer (Civil)

Experience: 10 Years

Programing Skills: C,C++

2D And 3D Skills: AutoCad, 3D Max, Staad pro, Solid Works, Revit, Google Sketchup and ArcGIS CityEngine

Highly experienced CAD Civil Trainer with a demonstrated track record of success in delivering comprehensive training and instruction, specifically tailored for civil engineering applications. Committed to empowering learners with the necessary skills and knowledge to excel in their civil design and drafting projects.

RAMESH J

Qualification: BE Mech

Position: CAD CAM Trainer (Mech)

Experience: 6 Years

Programing Skills: C,C++,Python

2D And 3D Skills: AutoCad, Catia, Pro-e, Solid Edge, MatLab, Ansys, Solid Works,

Results-oriented CAD Mech Trainer with a decade of experience delivering exceptional training and instruction in 2D and 3D modeling software for mechanical engineering applications. Committed to equipping learners with the skills and knowledge needed to excel in mechanical design, simulation, and manufacturing.

ROSELEN S B

Qualification: MCA

Position: Programmer And Corporate Trainer

Experience: 12 Years

Programing Skills: Java, Python, AI, Machine Learning, Php, SQL, Full Stack

GIS Skill: Arcpy, ArcGIS JS API, ArcGIS Python API, PostGIS, Web AppBuilder, WebGIS

Highly experienced programming mentor with strong background in various programming languages. With over 12 years of training experience, has successfully mentored more than 3000 students, dedicated to helping aspiring programmers and professionals acquire the necessary skills and knowledge to excel in their programming careers.

KAVITA H

Qualification: MSc.IT

Position: Programing Trainer

Experience: 10 Years

Programing Skills: C, C++, Java, MSSQL, MYSQL Server, C# and good knowledge in Servlets, JSP, EJB Worked on J2EE 1.4 Application Server

Kavita is a seasoned programming mentor and trainer with a decade of experience specializing in Java Servlets and MySQL. She has a strong passion for teaching and guiding individuals in mastering these technologies. kavita's in-depth knowledge and practical experience in Java Servlets and MySQL make her an ideal mentor for aspiring programmers looking to excel in web development

ANKIT H

Qualification: MSc.Geoinformatics

Position: GIS Trainer

Experience: 6 Years

GIS Skills: Arc GIS, Arc GIS Pro, QGIS, IGIS, Fusion X, Auto CAD, MS Office, Google Earth, Bhuvan Portal, Geo-Server, Arcgis online, Microstation

Programing Skills: HTML, CSS, Java script, ArcGIS API for Java script, .Net, Python
Ankit is a highly skilled GIS trainer. Has experience in ArcGIS, QGIS, PostGIS, remote sensing, and network analysis. His expertise lies in the field of spatial data analysis and geospatial technologies. He is passionate about sharing his knowledge and helping individuals develop proficiency in GIS applications for various industries.

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