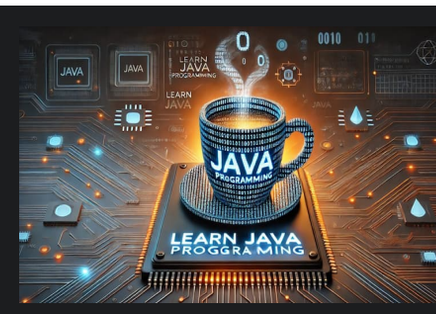
prep gurukul

YOUR SKILL PARTNER

Core Java Programming in Ahmedabad - 2 Months

Master Java Basics and Object-Oriented Programming in Just 60 Days



₹20000 ~~₹25000~~ 20% off

★★★★★

Date
01 May to 01 Jul 2025

Time
08:00 AM - 08:00 PM

Total Sessions (Hours)
24 (24h 0min)

Location
Shyamal

Level
Intermediate

Language
Hindi

S K SIR
Instructor

Sanjay Kamdar (SK Sir): Transforming Lives Through IT Education, Mentorship, and Inspiration for Over 34 Years.

Instructor Rating
5

Students
98

Courses
6

WHAT YOU'LL LEARN

- Understand and implement Object-Oriented Programming (OOP) concepts like classes, objects, inheritance, and polymorphism.
- Develop robust Java programs using exception handling, constructors, and access modifiers.
- Work with arrays, strings, and advanced features such as wrapper classes and inner classes.
- Gain proficiency in control flow structures, including loops, conditional statements, and switch-case.

REQUIREMENTS

Basic programming knowledge (optional but beneficial).

Familiarity with concepts like variables and operators (a plus but not mandatory).

A laptop or computer with Java Development Kit (JDK) installed.

WHO'S THIS COURSE IS FOR

Beginners eager to learn Java programming from scratch.

Students and professionals looking to enhance their skills in Object-Oriented Programming.

Individuals aspiring to build a career in software development or application programming.

Anyone interested in strengthening their programming fundamentals for future advanced courses.

DESCRIPTION

Core Java Programming in Ahmedabad - 2 Months

The **Core Java Programming** course is a comprehensive 60-day program designed to take you from a beginner to a confident Java programmer. Whether you're new to programming or looking to sharpen your skills, this course provides an in-depth exploration of Java's core concepts and practical applications.

Starting with an introduction to **Object-Oriented Programming (OOP)**,

students will learn to work with Java classes and objects, understand data encapsulation, and implement inheritance and polymorphism to create modular and reusable code. The course covers fundamental Java constructs, including **control structures (if, switch-case, loops)**, **operators**, and **data types**, enabling students to write efficient and logical code.

A significant focus of the course is on arrays and strings, teaching students how to manipulate and utilize these essential data structures. Additionally, students will explore advanced topics like **exception handling**, **inner classes**, and **abstraction**, equipping them with the skills to develop robust and error-free applications.

Throughout the program, students will also work on hands-on exercises and mini-projects, reinforcing their understanding of concepts like **constructors**, **access modifiers**, and **wrapper classes**. By the end of the course, students will have a solid foundation in Java programming and the confidence to tackle real-world projects

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Course Duration and Schedule

- .**Duration:** 2 Months
- **Start Date:** Option to start today also, instructor will adjust you to recently started batch. **Enroll now**
- **Days:** Mon-Tue-Wed-Thu-Fri-Sat, 3 days a week and 1-1.5 Hours/Session (Choose any 3 days/week)
- **Timings**: 8.00 am to 8.00 pm (Choose any 1-1.5 hours)
- **Mode:** Offline, Shyamal, Ahmedabad
- **Languages**: English, Hindi & Gujarati
- **Fees:** INR 20,000/-

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Course Modules

Module 1: Introduction to Java and OOP Concepts

- Fundamentals of Java programming
- Overview of Object-Oriented Programming (OOP) principles
- Introduction to classes, objects, and encapsulation

Module 2: Core Java Basics

- Operators and data types
- User input in Java
- Control flow structures: If, switch-case, loops

Module 3: Arrays and Strings

- Working with single-dimensional and multi-dimensional arrays
- String handling: String manipulation and functions

Module 4: Advanced Java Concepts

- Access modifiers: Public, private, protected
- Methods: Defining and invoking methods
- Constructors: Purpose, types, and implementation

Module 5: Object-Oriented Programming in Practice

- Polymorphism and method overriding
- Inheritance and code reusability
- Wrapper classes and their applications

Module 6: Robust Java Programming

- Exception handling: Try-catch, throws, and custom exceptions
- Inner classes and abstraction: Understanding and implementing

Module 7: Additional Topics

- Understanding pointers in Java
- Best practices for writing efficient Java code

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Key Takeaways

- Write efficient Java code using **OOP principles**.
- Develop error-free applications with **exception handling**.
- Gain hands-on experience through **real-world programming exercises**.

- Build a solid foundation to advance into **Java frameworks** or **full-stack development**.

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Unlock your potential in programming with the **Core Java Programming** course—your gateway to becoming a proficient Java developer!