

JAVA PREREQUISITE COURSE

Build Strong Programming Foundations with Java

A structured beginner-to-intermediate program designed to develop coding skills, logical thinking, and problem-solving abilities.

COURSE DURATION

30 Hours

CLASS SCHEDULE

3 / 4 / 5 Classes per Week

(Based on student availability)

WHAT YOU'LL GAIN

9 Modules

From Java basics through OOP and recursion

Hands-On Practice

Logic building, pattern programs, and live coding

Strong Foundation

Ready for advanced Java & framework learning

COURSE CURRICULUM

FOUNDATION MODULES

MODULE 1 INTRODUCTION TO JAVA

- ❖ What is Java?
- ❖ Features of Java
- ❖ Java Environment Setup
- ❖ First Java Program
- ❖ Understanding Java Program Structure

MODULE 2 VARIABLES & DATA TYPES

- ❖ Variables and Constants
- ❖ Primitive Data Types
- ❖ Type Casting
- ❖ Input & Output Basics

MODULE 3 OPERATORS

- ❖ Arithmetic Operators
- ❖ Relational Operators
- ❖ Logical Operators
- ❖ Assignment Operators

MODULE 4 CONTROL STATEMENTS

- ❖ if-else Statements
- ❖ Nested Conditions
- ❖ switch-case
- ❖ Loops: for, while, and do-while

MODULE 5 ARRAYS

- ❖ One Dimensional Arrays
- ❖ Multi Dimensional Arrays
- ❖ Array Operations
- ❖ Problem Solving using Arrays

MODULE 6 PROGRAMMING PRACTICE

- ❖ Basic Java Programs
- ❖ Logic Building Exercises
- ❖ Pattern Programs
- ❖ Coding Practice

INTERMEDIATE CONCEPTS

MODULE 7 METHODS & FUNCTIONS

- ❖ Creating Methods
- ❖ Method Calling
- ❖ Parameters & Return Values
- ❖ Method Overloading

MODULE 8 OBJECT ORIENTED PROGRAMMING BASICS

- ❖ Classes & Objects
- ❖ Constructors
- ❖ Encapsulation
- ❖ Inheritance Introduction
- ❖ Polymorphism Basics

MODULE 9 RECURSION & PROBLEM SOLVING

- ❖ Introduction to Recursion
- ❖ Recursive Functions
- ❖ Solving Problems using Recursion
- ❖ Logical Thinking Development

FEE STRUCTURE

Particulars	Amount
Course Fee (₹800 × 30 Hours)	₹24,000/-
Discount	- ₹3,000/-
Total Payable Fees	₹21,000/-

TEAM OGGNTECH

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