

Java Programming Syllabus

Course Overview

This Java programming course covers the fundamental to intermediate concepts of Java.

The course has been specifically designed to cater to needs of working professionals new to java and fast track their learning curve contributing their growth.

The topics of this course are handpicked and designed such that it can be directly implemented in practical use cases and improves understandability in Java.

Detailed Syllabus

Module No	Topic	Duration
1	Data Types, Input, Output and Data Classes	2 Lectures
2	Looping Statements	1 Lectures
3	Arrays, Strings, and Vectors	1 Lectures
4	Classes, Objects, Methods and Constructors	2 Lectures
5	Relationships, Inheritance, Interface	2 Lectures
6	My SQL Database Connectivity in Java	2 Lectures
7	Exception Handling	2 Lectures
8	Multithreading in Java	2 Lectures

Includes :-

- Hand Picked Use Cases and Practical Problem solving
- Clear and Concise notes with programs containing important points to remember.

What you'll Learn:-

- Understanding and Learning Data - data types
- Learning To Manage Control Flow of your programs
- Understanding Collections - Arrays, Strings and Lists

- **Object Oriented Features Classes, Objects, Methods and Constructors**
- **Creating Reusable Modules - Inheritance, Interface**
- **Adding DataBase Connectivity and Data Flow**
- **Handling Code Breakages - Exception Handling**
- **Code Optimization using Multithreading**

Course Summary

- **Total Lectures:** 26
- **Lecture Duration:** 2 hours each
- **Total Hours:** 52 hours
- **Course Fee:** ₹16,500/-