

# INTERVIEW PREPARTION BATCH – COURSE DETAILS



## Course Syllabus:

### ✓ Core Java (With Coding Questions)

- Variables, Data Types, Loops, Conditionals, Arrays
- **Constructors** (Default, Parameterized), **Instance Blocks**, and **Static Blocks**
- OOPS Concepts: Inheritance, Polymorphism, Abstraction, Encapsulation
- Exception Handling
- Collections Framework ((List, Set, Map, and their implementations)
- String Manipulations
- File Handling (Excel Reading)
- Comparable & Comparator
- Wrapper Classes
- Java 8 Features (Streams, Lambda, Functional Interfaces)
- Java Design Patterns: Singleton, Factory.
- Frequently Asked Java Coding Questions
- We place a strong emphasis on **Java coding questions**, especially those related to **Strings, Arrays, and Collections**. For every problem, we not only provide the solution but also explain the **logic behind the code** in a clear and detailed manner.
- In addition, we cover **extra coding questions** shared by candidates from their **recent interview experiences**, as well as those **frequently asked by real interview panels**.



**Note: Every day, you will receive a Java coding exam link to help you practice consistently and build your confidence.**


Sample coding exam link :

[https://docs.google.com/forms/d/e/1FAIpQLSco8Za6zPG9WXm80BkgPy7BkObq\\_AR4NBEQbqV1t4JqE5UCtw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSco8Za6zPG9WXm80BkgPy7BkObq_AR4NBEQbqV1t4JqE5UCtw/viewform)

### ✓ Selenium (UI Automation)


- Introduction to Selenium WebDriver
- Browser and Element Handling
- XPath, CSS Selectors, X path Axes, Shadow Dom

- Handling Alerts, Frames, Windows, Dropdowns, Webtable, Java Script Executor, Broken Links, mouse actions etc.
- Waits: Implicit, Explicit, Fluent
- Screenshot Capturing, Logs
- Page Object Model (POM)

 **Note:** We will also cover Selenium coding questions and scenario-based questions to help you handle real-time interview challenges confidently.


#### ✓ Frameworks

- **TestNG:** Annotations, Assertions, Parallel Execution, Reporting etc.
- **Cucumber:** BDD, Feature Files, Step Definitions, Hooks, Tags

 **Note:** You will be trained on how to confidently explain the framework from scratch, just as it's expected during real interview discussions with the panel.

#### ✓ API Testing

- **Postman:** Collections, Environments, Assertions
- **Rest Assured:** Request Methods (GET, POST, PUT, DELETE), Validations, Headers, Parameters, JSON Parsing

 **Note:** Candidates who are not familiar with API testing — no worries! We will explain everything from the basics upon your request.

#### ✓ Build & CI Tools

- **Maven:** POM, Dependencies, Build Lifecycle
- **Git:** Version Control, Commands
- **Jenkins:** CI/CD Basics, Job Creation, Integration with Git & Maven

#### ✓ Database


- **SQL:** Basic to Advanced Queries, Joins.
- Integration of DB with Automation Framework

#### ✓ Manual Testing

- Real-time **scenario-based** questions
- Agile, Scrum process overview

### Class Timings:

- Daily Live Classes: **9:00 PM – 10:00 PM IST Monday to Friday.**
- Duration: **9 – 10 Weeks**
- First Three Classes: **Free of cost**
- After three classes if you are interested, you can enroll

 **Note: Recordings and notes will be uploaded to the Drive daily, and you will have lifetime access to all the materials.**


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### Interview-Focused Add-ons

- Weekly mock interviews to simulate real interview experience
- Regular coding tests after each concept for both Java and Selenium
- Real-time project discussions to build practical understanding
- Expert tips on explaining frameworks from scratch and handling scenario-based questions
- Comprehensive resume preparation and review guidance

### Key Highlights

- All concepts are explained from **scratch** – no prior experience required to join this course.
- Covers **frequently asked interview questions** to ensure you're well-prepared
- Focuses on **real-time challenges** and aligns with **interviewer expectations**

 **Note: You will receive continuous support from the trainer until you secure a job. For any guidance or assistance, feel free to contact Mohan.**

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**Note: If you're planning to switch companies in the coming months, we highly encourage you to join this course. We will fully support you throughout your **interview preparation journey.****