

# Java Full Stack Developer Course with Angular / React

## Module 01 – Core Java 8

- Day 1 - Git & Git-hub
- Day 2 - Introduction to Java, Eclipse IDE Setup
- Day 3 - OOPS Concepts
- Day 4 - Packages, Access Modifier
- Day 5 - Inheritance, Scanner Class, Buffered Reader

### *Weekend 1 - Assignment (Create MCQ's for above topics – 50)*

- Day 6 - Static, abstract and final
- Day 7 – Constructors, this keyword, instanceof
- Day 8 - Polymorphism
- Day 9 - Interfaces, Wrapper Classes,
- Day 10 - Arrays

### *Weekend 2 - Assignment (Create MCQ's for above topics – 50)*

- Day 11 - Exception handling
- Day 12 - Multi threading
- Day 13 - Java Collections 1
- Day 14 - JAVA collections 2
- Day 15 - Strings

### *Weekend 3 - Assignment (Create MCQ's for above topics – 50)*

- Day 16 - JDBC
- Day 17 - JDBC - MVC - CRUD Operations
- Day 18 - Java Generics
- Day 19 - JUnit 5
- Day 20 - Stream API

### *Weekend 4 - Assignment (Create MCQ's for above topics – 50)*

- Day 21 - Annotations
- Day 22 - Date Time API
- Day 23 - Lambda Expressions
- Day 24 – Enums, Regex
- Day 25 – Concurrency + Case Study assignment

### *Weekend 5 - Case study implementation task*

- Day 26 – Core Java – Practice Test on i-Compass Portal

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## Module 02 – JPA with Hibernate 3.0

Day 27 to Day 37 - JPA with Hibernate 3.0

## Module 03 – Spring 5.0 and Spring Boot

Day 37 to Day 47 - Spring 5.0 and Spring Boot

Day 48 to Day 50 - Remedial/Support sessions

Day 51 to Day 52 - **Sprint 1** (Project Implementation with Core Java + Spring Boot)

## Module 04 – Front End Technologies

Day 52 - Bootstrap 4

Day 53 - HTML5

Day 54 - CSS3

Day 55 - ES6 & TypeScript

Day 56 - JS

Day 56 to Day 70 - Angular or React

Day 71 to Day 73 - **Sprint 2** (Project Implementation with Front End )

Day 74 - Final Test & Batch Closing

### L&D Links:

#### 1) Main Reference – JFS – TTT Videos

<https://drive.google.com/drive/folders/1Lm-qXIYxOqI01ADEmmrZZe8CsCe17rG-?usp=sharing>

#### Additional Reference – JFS TTT videos ( Hackerearth – Problem Solving)

<https://youtube.com/playlist?list=PLI4sUPrencOqxj1pmRF7Np4DhFwmaWOB0>

#### 2) Trainer's Support Videos

[https://youtube.com/playlist?list=PL7Puz1Dmfw-GjLdRhy6lpALBL216\\_rkFV](https://youtube.com/playlist?list=PL7Puz1Dmfw-GjLdRhy6lpALBL216_rkFV)

#### 3) Capgemini Course Materials – JEE

<https://drive.google.com/drive/folders/1Ku5jQ1AMMPeGw88rPBTpiNAoG2h0EnYm?usp=sharing>

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