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

# 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-qXlYxOqI0lADEmmrZZe8CsCe17rG-

?usp=sharing

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

https://youtube.com/playlist?list=PLl4sUPreneOqxj1pmRF7Np4DhFwmaWOB0

# Trainer’s Support Videos

https://youtube.com/playlist?list=PL7Puz1Dmfw-GjLdRhy6lpALBL216\_rkFV

# Capgemini Course Materials – JEE

**https://drive.google.com/drive/folders/1Ku5jQ1AMMPeGw88rPBTpiNAoG2h0E nYm?usp=sharing**