Day wise break up for the remaining 9 days of session, split in to 18 half days:

Day 1:

- Web Application Basics
 - How the Web works, Thin Clients, TCP/IP
 - HTTP overview, Brief HTML review
 - Overview of Java EE, servlets & Web applications.
- Servlet Basics
 - Servlet API
 - HTML Forms
 - HTTP: Request-response, headers, GET, POST
- Overview: How Servlets Work
 - Servlet Lifecycle: init(), service(), destroy()
 - Requests and responses
- Core Servlet API
 - GenericServlet
 - ServletRequest, and ServletResponse
- HTTP Servlets
 - HttpServlet
 - HttpServletRequest and HttpServletResponse
 - Accessing Parameters

Day 2:

- JSP Overview
 - JSP architecture
 - o JSP tags and JSP expressions
 - Fixed Template Data
 - o Lifecycle of a JSP
 - JSP Expression Language (EL)
 - o The JSTL

Day 3:

- Spring overview and architecture
 - What is Spring framework?
 - Why Spring framework?
 - Spring framework architecture
 - o Usage scenario
 - Step by step refactoring of Helloworld application using Dependency Injection
- Spring Dependency Injection Basics
 - What is and Why Dependency Injection (DI)?
 - o Two DI variants
 - Reading configuration
 - Bean configuration
 - Bean parameter types
 - Auto-wiring and auto-scanning
 - Bean naming

Day 4:

- Spring Dependency Injection Annotation
 - Annotation-based Dependency Injection -@Autowired, @Required
 Qualifier @Qualifier, Custom qualifier
 - @Component and further stereotyped annotations @Service, @Repository,
 @Controller, @ComponentScan

Day 5:

- Spring Database Introduction
 - o DAO support
 - @Repository annotation
 - Using HibernateTemplate to build a DAO layer

Day 6:

- Spring Transaction
 - Transaction management in Spring framework
 - o Global transaction vs. local transaction
 - PlatformTransactionManager interface
 - Declarative transaction management
 - Transaction propagation

Day 7:

- Spring MVC
 - Role of DispatchServlet, HandlerMapping, ViewResolver
 - Simple Spring MVC application demo

Day 8:

o Creating a RESTful service using Spring MVC

Day 9:

- Spring Boot
 - What is and Why Spring Boot?
 - Getting started with Spring Boot
 - Building a Web app using Spring Boot
 - Auto-configuration
 - SpringApplication class

Day 10:

- External configuration
- Actuator
- o Misc. features

Day 11:

- Basics of HTML and CSS
 - HTML elements and attributes
 - Most common tags headings, p, div, span
 - Bullets and numbers (lists)
 - Working with tabular data
 - o Forms

Day 12:

- Styling basics CSS inline, internal and external
- Selectors, properties and values
- Importing external CSS
- Using Bootstrap CSS framewor

Day 13:

- Introducing Angular
 - What is Angular?
 - Angular versions
 - Advantages of Angular
 - Architecture overview
 - Introduction to key building blocks of Angular
 - Setting up Development Environment
 - Setting up Angular
 - Creating an app using Angular CLI
 - Setting up Bootstrap for styling
 - How an Angular app gets loaded and started?
- Components & Templates
 - What is a Component? What are its benefits?
 - The Root component
 - What are Decorators?
 - Understanding the component decorator
 - Creating and using components
 - Component templates
 - Component styles
 - Lifecycle Hooks

Day 14:

- Data Binding
 - What is Data Binding?
 - o Interpolation
 - Property binding
 - Event binding
 - Passing and using event data
 - Two-way data binding
 - Component interaction
 - Parent to child interaction
 - Child to parent interaction

Directives

- Understanding Directives
- ngIf Outputting data conditionally
- ngStyle Styling elements dynamically
- o ngClass Applying CSS classes dynamically
- ngFor Outputting lists

Pipes

- Introduction to Pipes
- Using pipes
- Parameterizing pipes
- Chaining multiple pipes
- Creating custom pipes

Day 15:

- Building Single Page Apps using Routing
 - Need for a Router
 - Setting up and loading routes
 - Navigating with router links
 - Styling active links
 - Navigating programmatically
 - Passing parameters to routes
 - Fetching route parameters
 - Passing query parameters
 - Retrieving query parameters
 - Setting up nested routes

Day 16:

- Services & Dependency Injection
 - Need for a Service
 - Creating a service
 - Understanding Dependency Injection (DI) and its benefits
 - Using a service within a component
 - Using a service within another service
 - Cross component interaction using a service
- Server Communication
 - Introduction to Angular HttpClient service
 - Sending requests to server
 - Getting data from the server
 - Sending data to the server
 - Handling Http errors
 - Adding headers
 - o URL parameters

Day 17:

- Forms & Validation
 - Template-driven forms vs Reactive forms
 - Building a form
 - Registering form controls
 - Submitting the form
 - Understanding form state

Day 18:

- Adding form validation
- Outputting Validation Error messages
- Using two-way binding
- Grouping form controls
- Resetting forms