

## Assignment: 6

1. **What is Spring Boot?**

Explain the features of Spring Boot and how it simplifies enterprise Java application development.

2. **Describe the architecture of Spring Boot.**

List and explain the different layers involved in the Spring Boot application architecture.

3. **What is Dependency Injection in Spring Boot?**

Describe the different types of dependency injection (Constructor, Setter, Field, Interface) with examples.

4. **Explain AOP (Aspect-Oriented Programming) in Spring Boot.**

Define the key terms: Aspect, Advice, Join Point, Pointcut, and discuss their role in managing cross-cutting concerns.

5. **How does Spring Boot integrate with databases?**

Discuss how to set up MySQL and H2 databases in a Spring Boot project and switch between them.

6. **What is REST in Spring Boot?**

Explain RESTful web services and outline the steps to create a REST API using Spring Boot.

7. **Compare traditional Spring Framework with Spring Boot.**

What are the key advantages Spring Boot offers over traditional Spring configuration?