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## Syllabus - Spring (Java) Framework Training

### Section 1: Introduction (History of Java) (4 Hrs)

- Java review
- The history of Java
- Java features
- JDK, JRE, and JVM

### Section 2: Introduction (History of Spring Framework) (4 Hrs)

- Spring Framework Overview
- History of Spring Framework
- Features of Spring Framework

### Section 3: Dependency Injection (8 Hrs)

- IOC container
- Dependency Injection by Constructor
- Container injection of the collection

### Section 4: Constructor Injection with Map (4 Hrs)

- Bean inheritance in the spring
- Dependency injection by setter method
- Set Injection with a Set Injection, Map with Dependent Object

### Section 5: Setter Injection with Collection (6 Hrs)

- Spring Jdbc Template
- Jdbc template Example, PreparedStatement
- ResultSetExtractor, RowMapper, NamedParameter

#### Section 6: Spring MVC (6 Hrs)

- Multiple controllers
- Request a request response
- MVC form example

#### Section 7: MVC CURD Example (8 Hrs)

- MVC Pagination Example
- Upload the MVC file
- Spring java mail

#### Section 8: Spring with ORM (16 Hrs)

- Spring in ORM
- Winter

### Training Fees / Duration (Rs. 2,500/- Onwards)

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