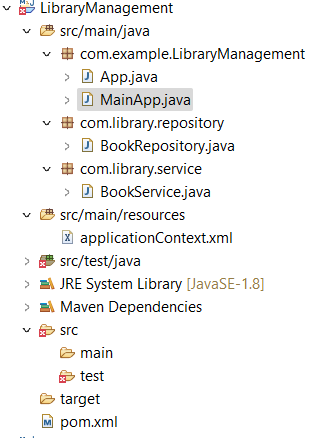
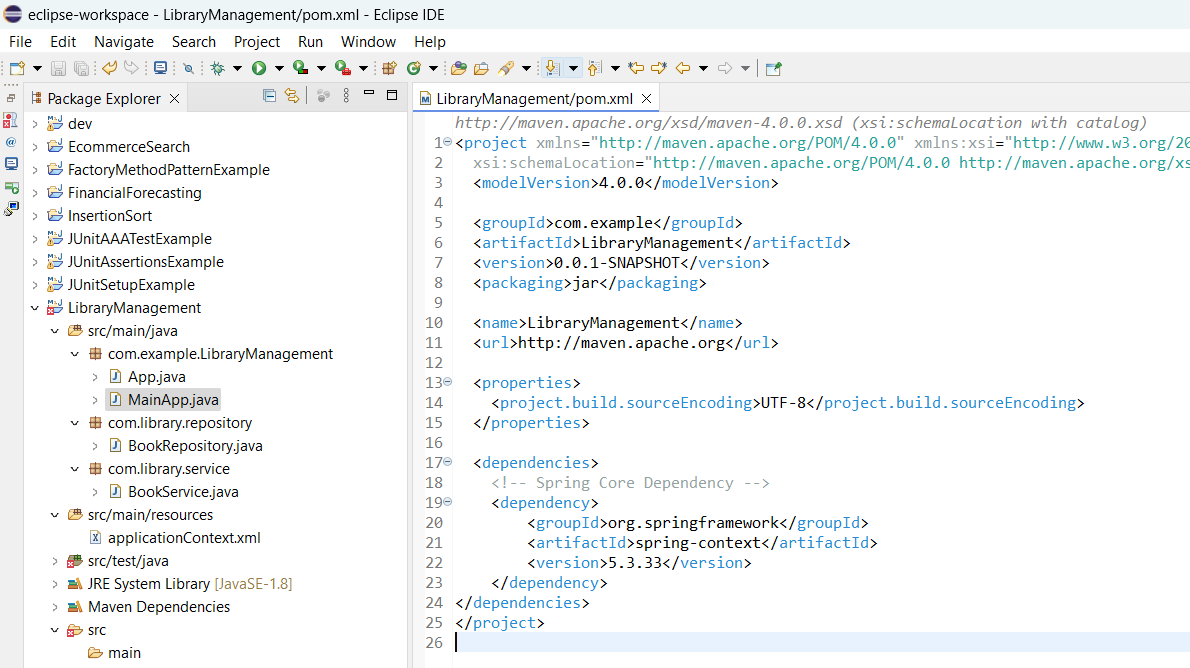
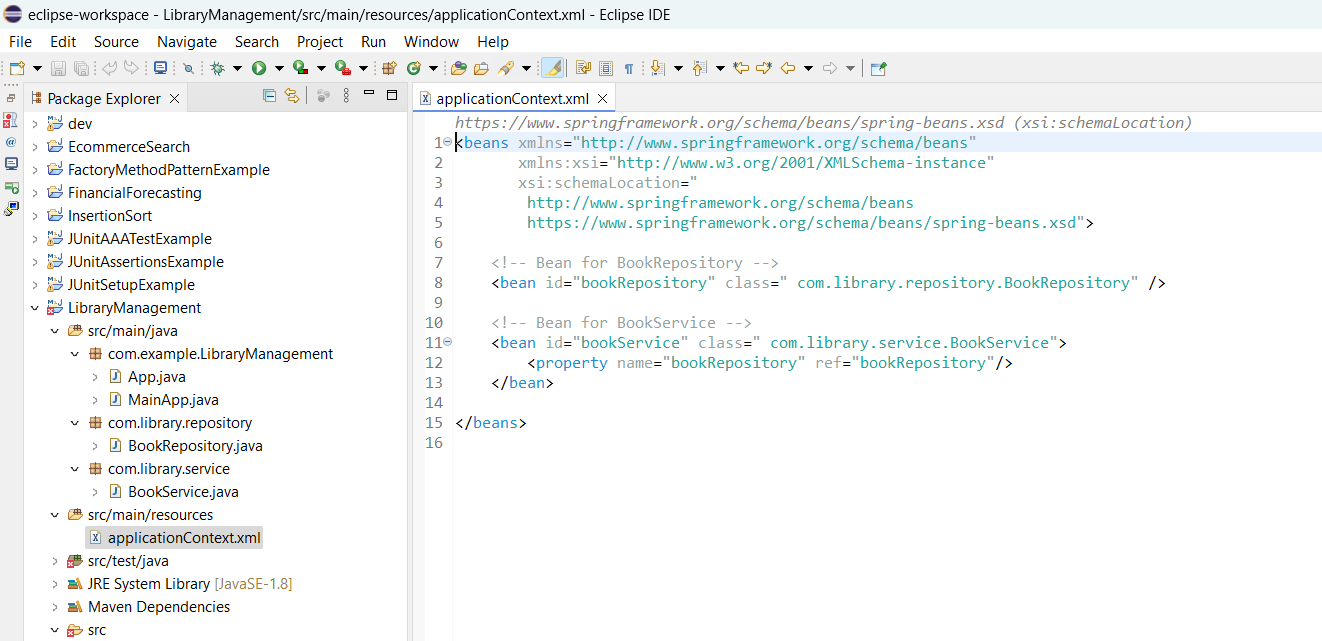
**WEEK3-HANDS ON**

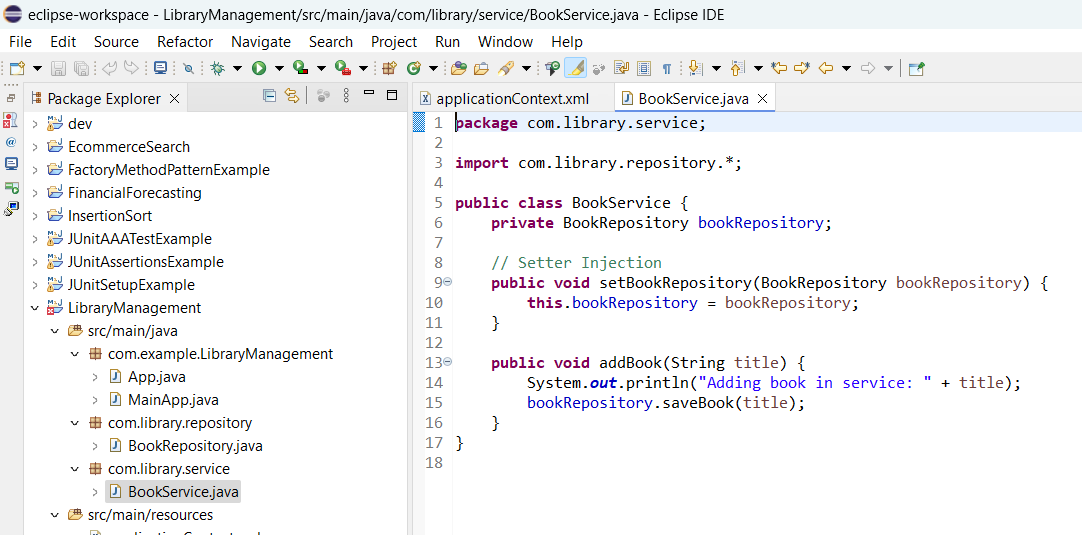
**Spring Core and Maven**

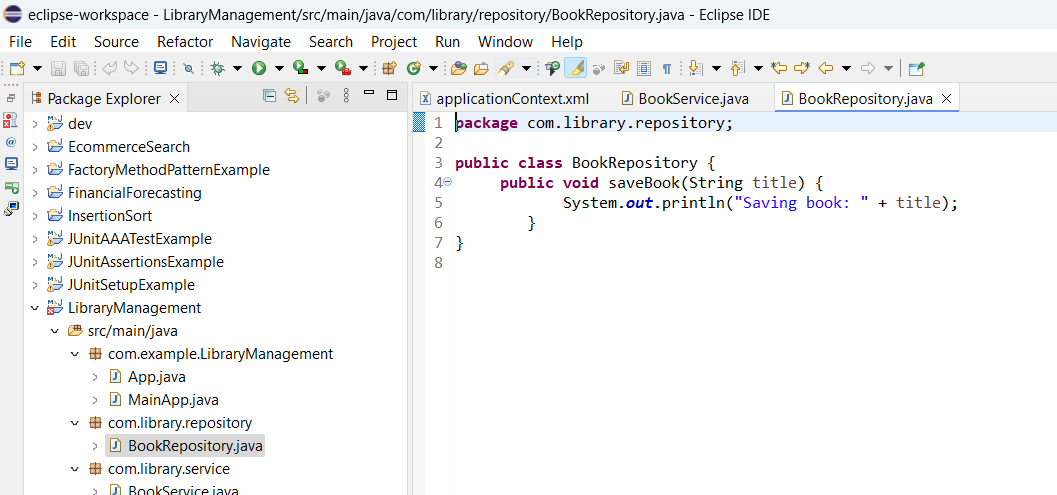
1. **Exercise 1: Configuring a Basic Spring Application**

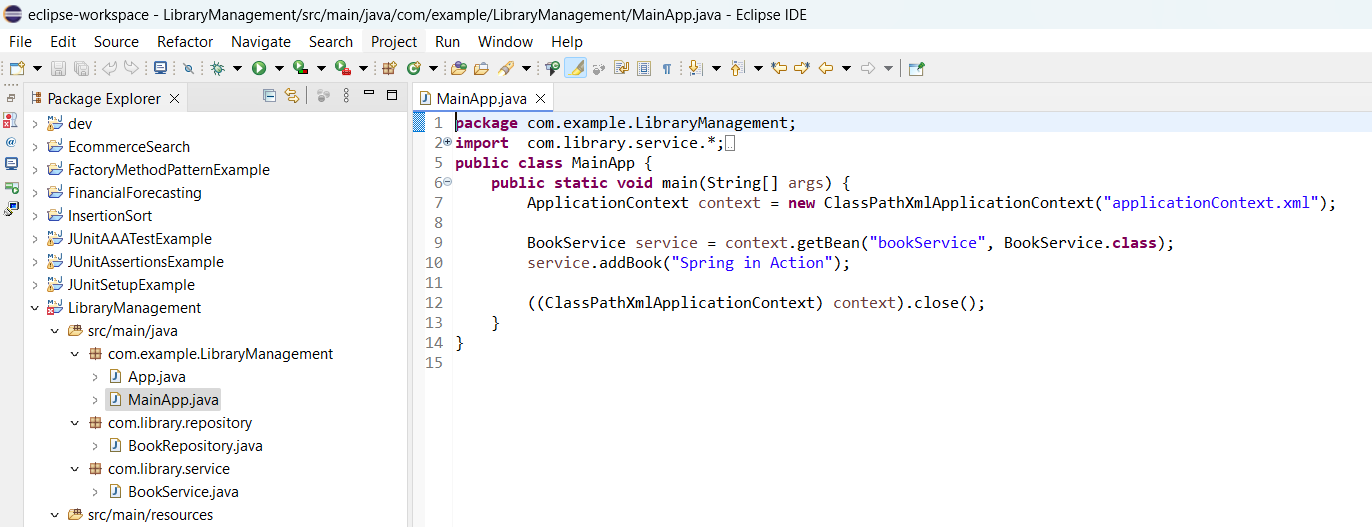
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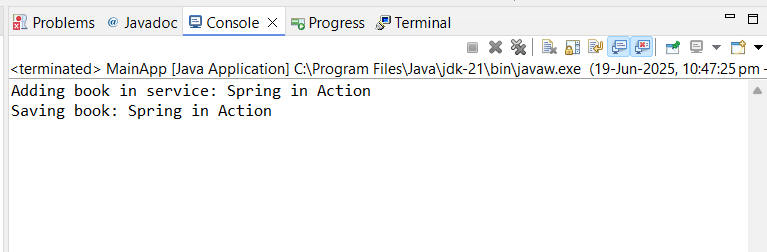
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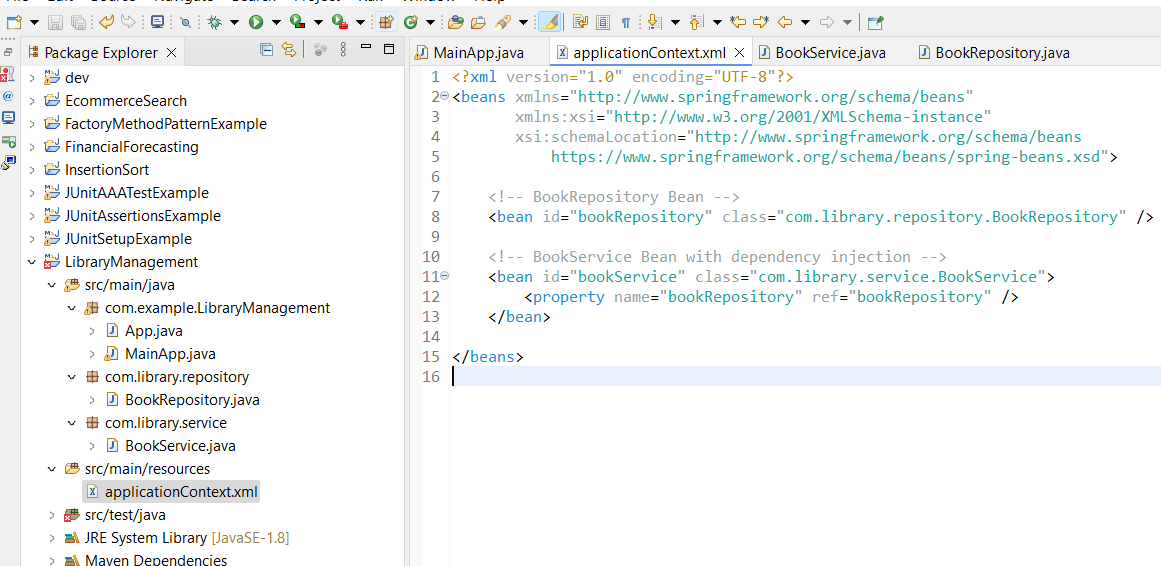
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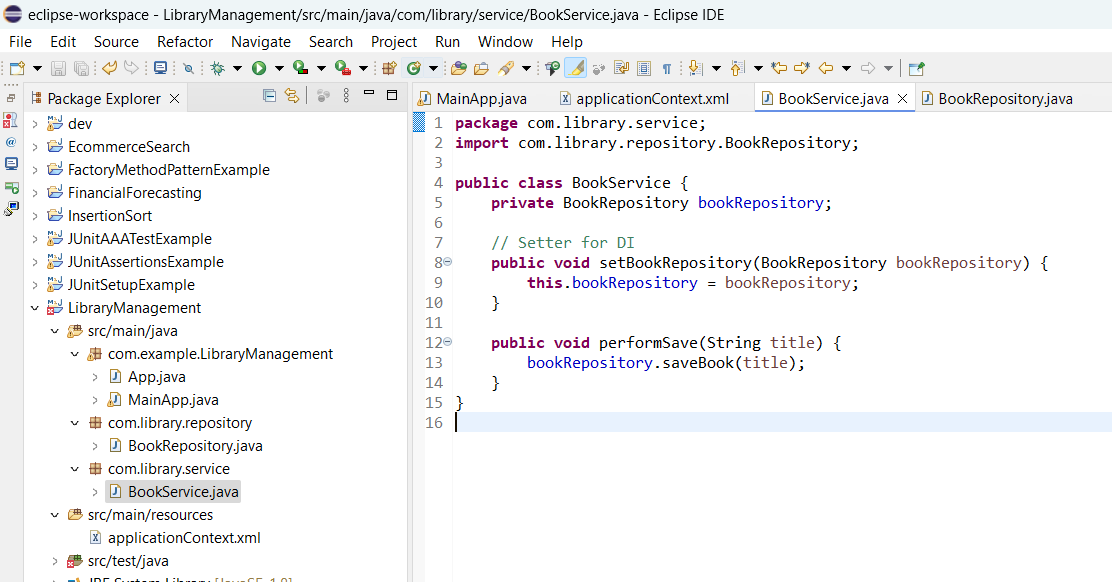
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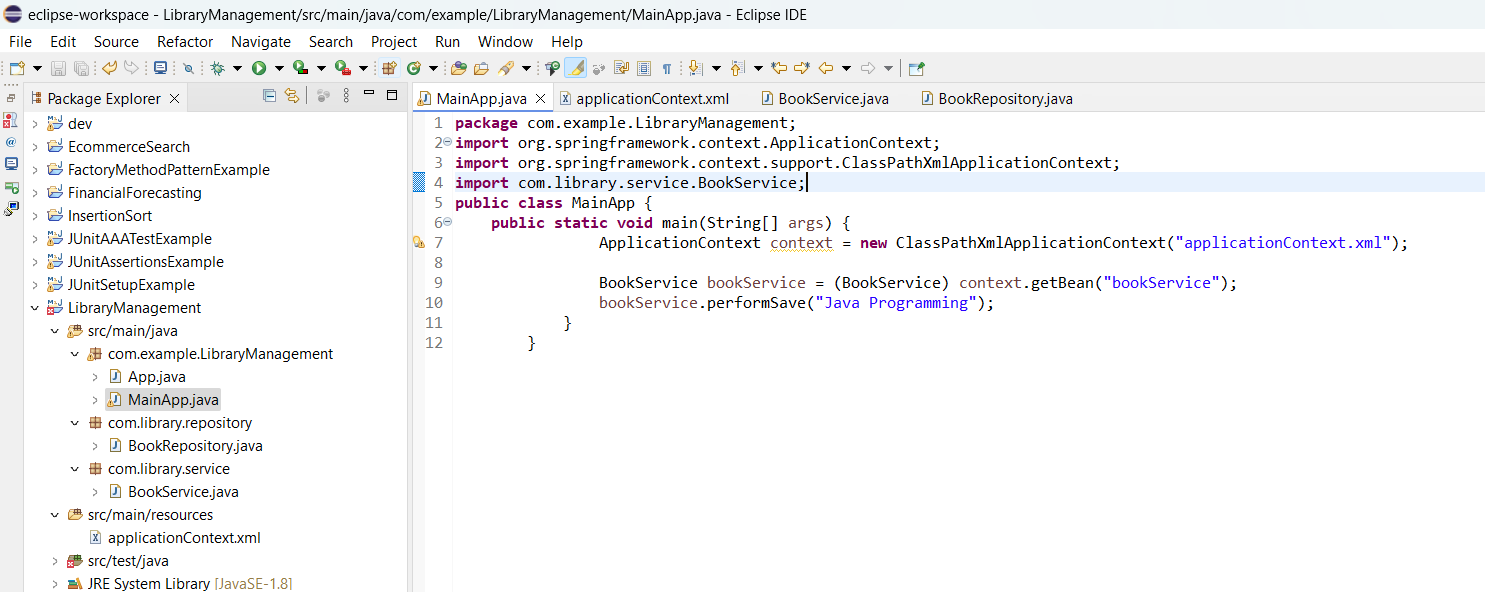
**OUTPUT:**

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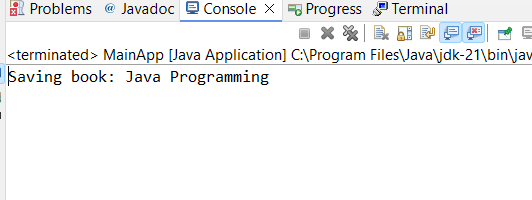
1. **Exercise 2: Implementing Dependency Injection**

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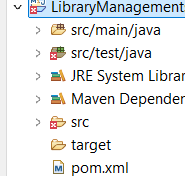
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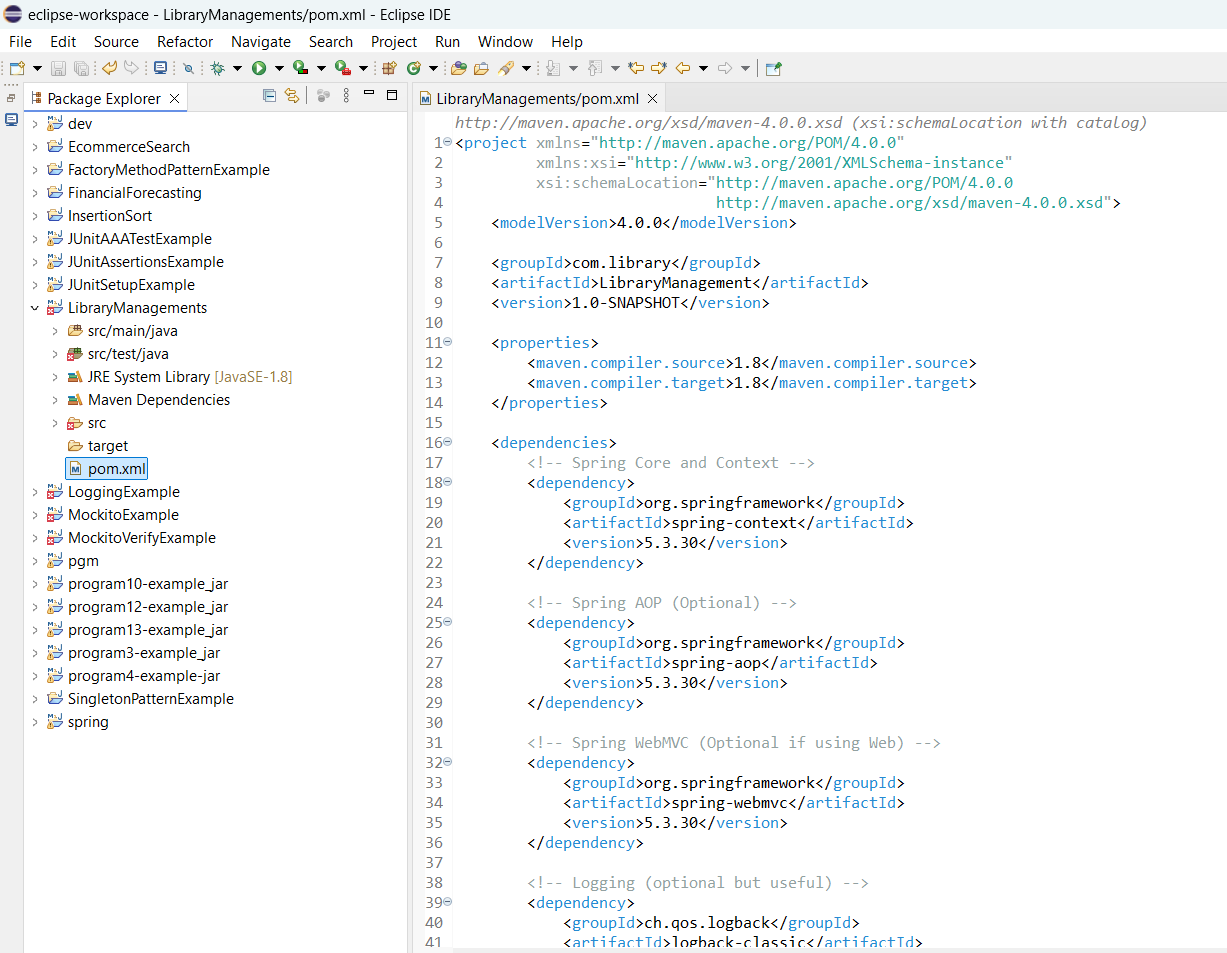
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**OUTPUT:**

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1. **Exercise 4: Creating and Configuring a Maven Project**

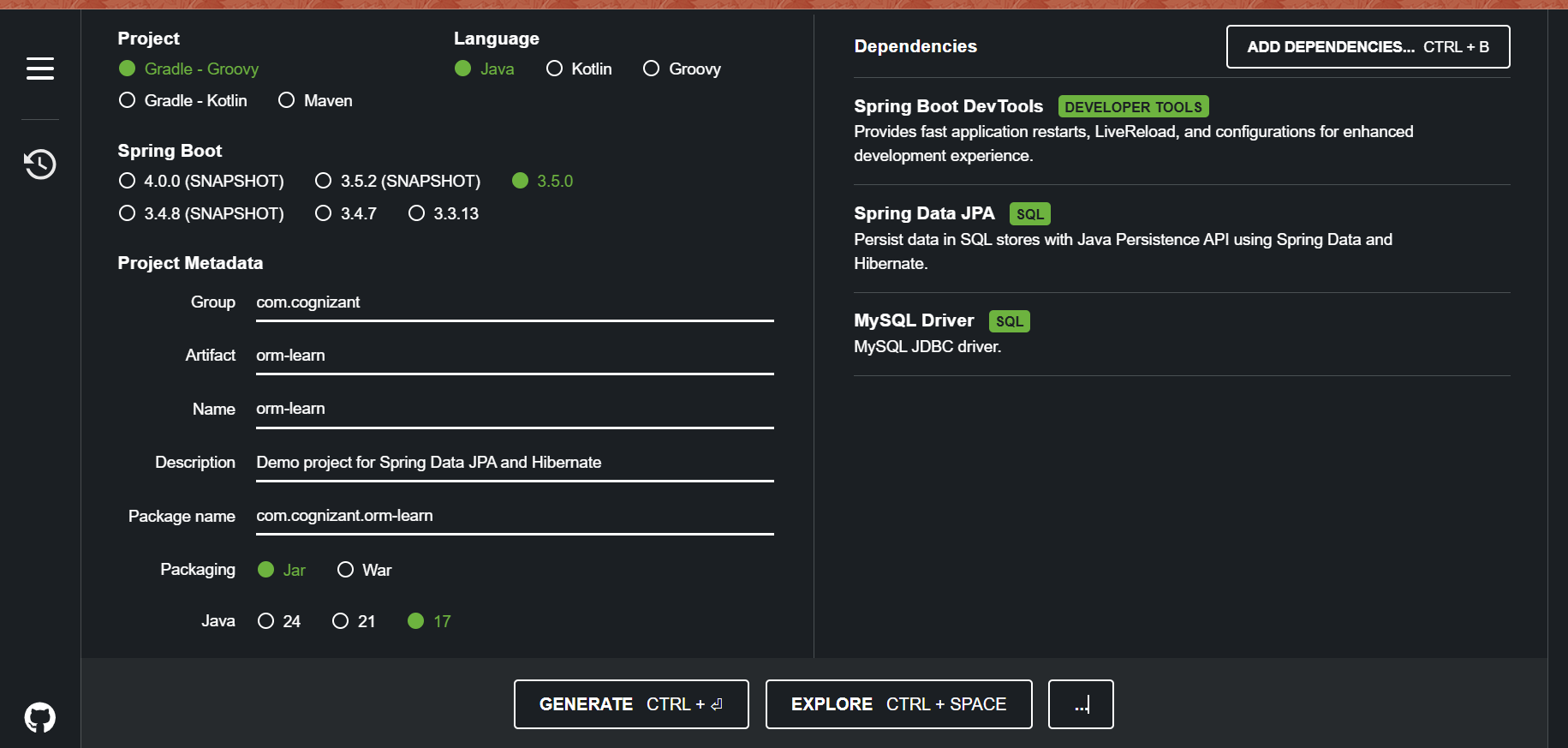
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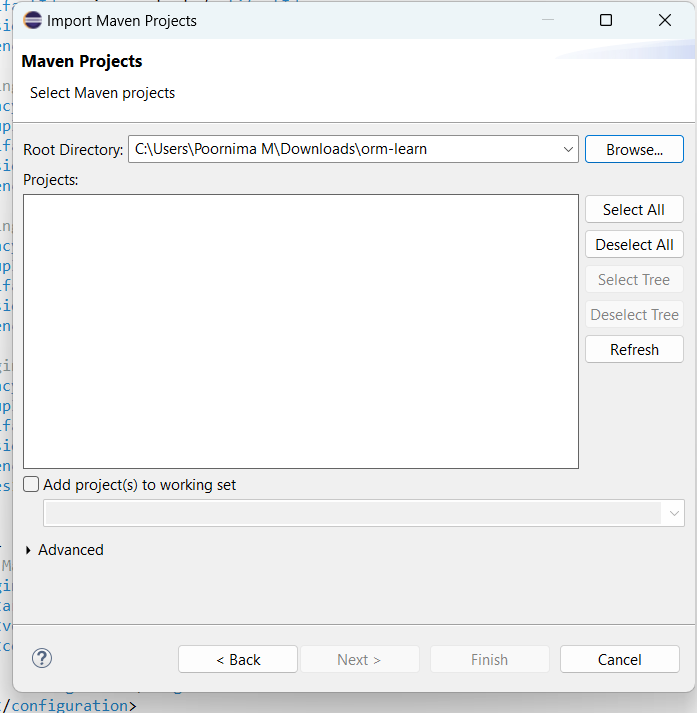
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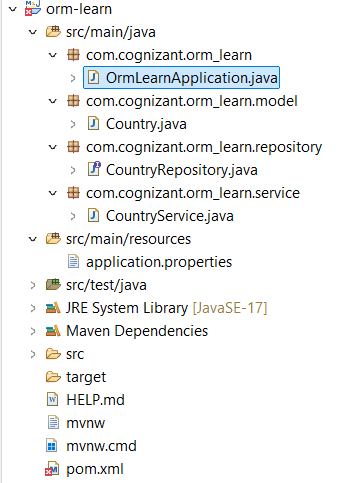
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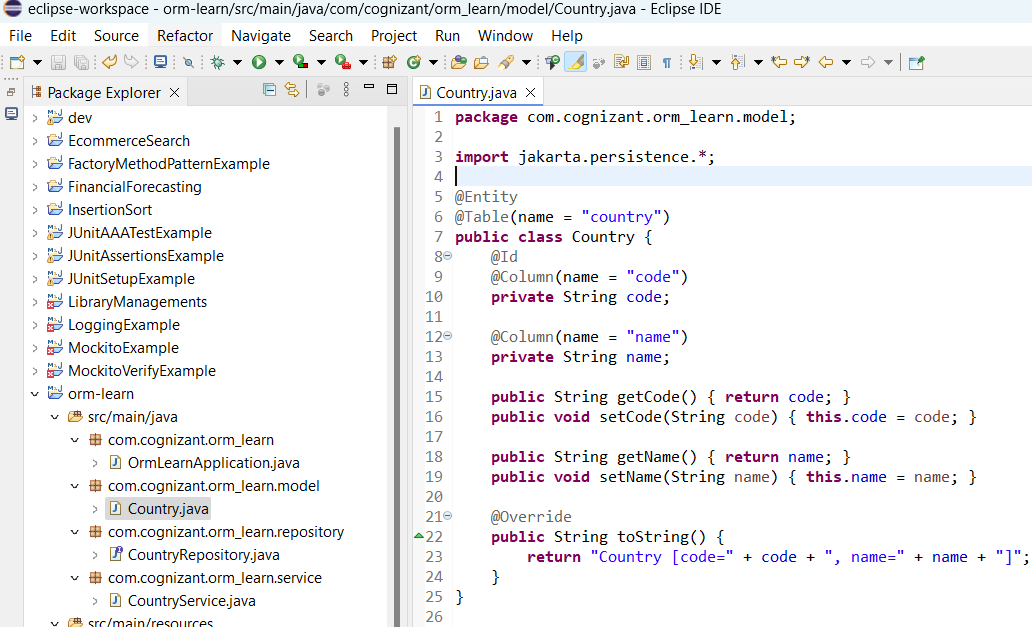
**Spring Data JPA with Spring Boot, Hibernate**

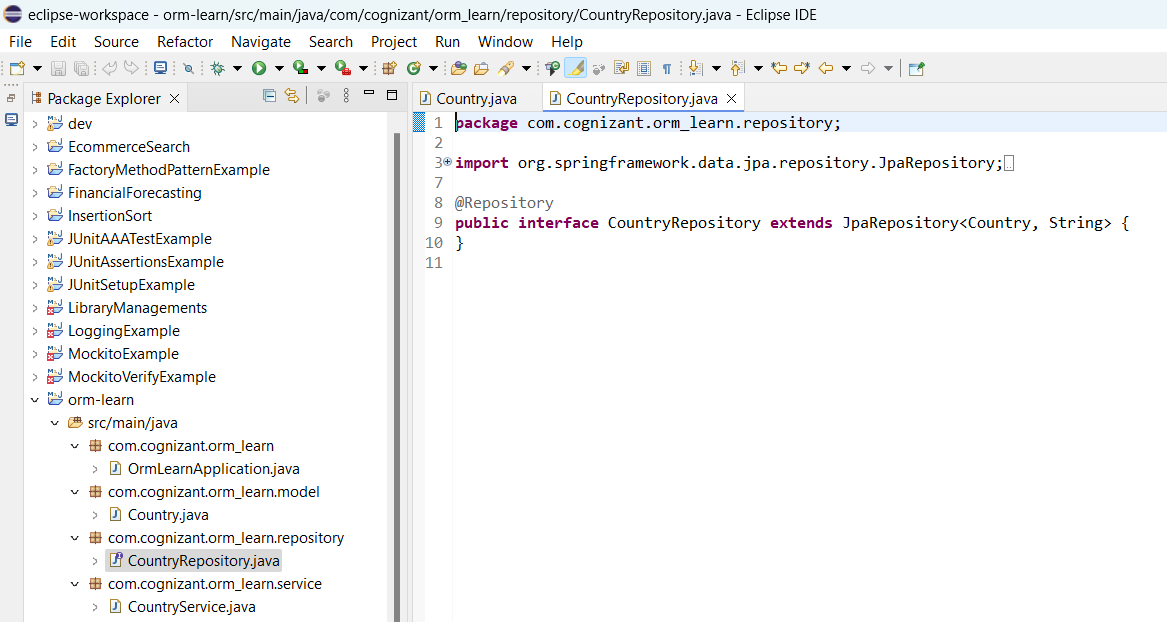
1. **Spring Data JPA - Quick Example**

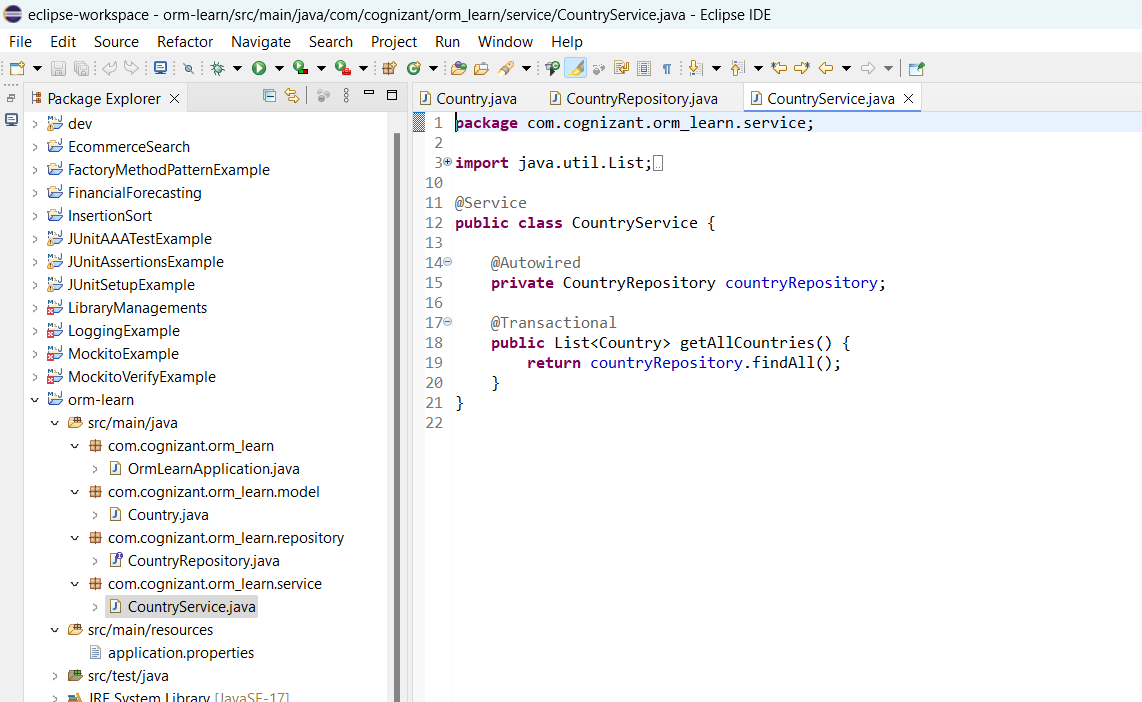
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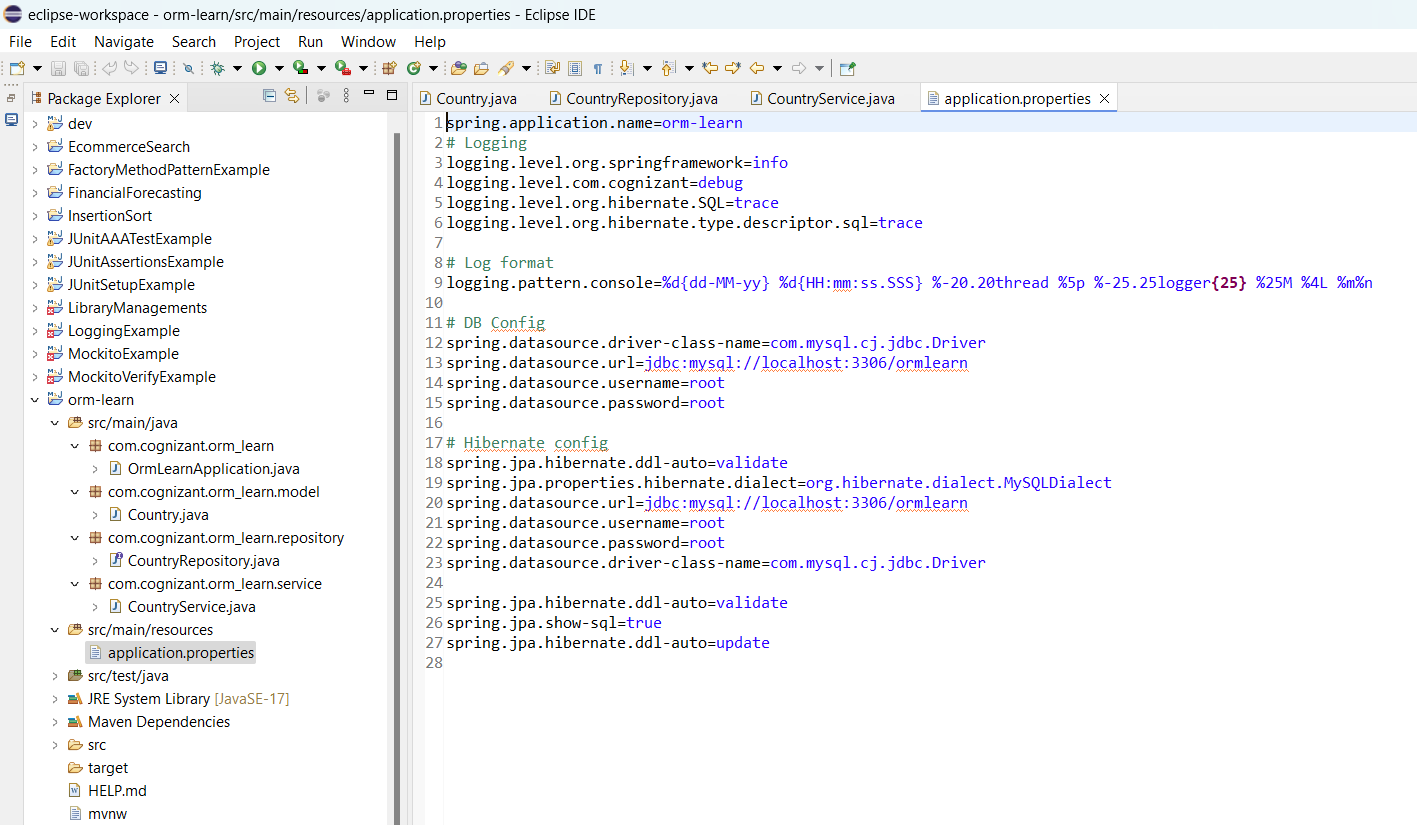
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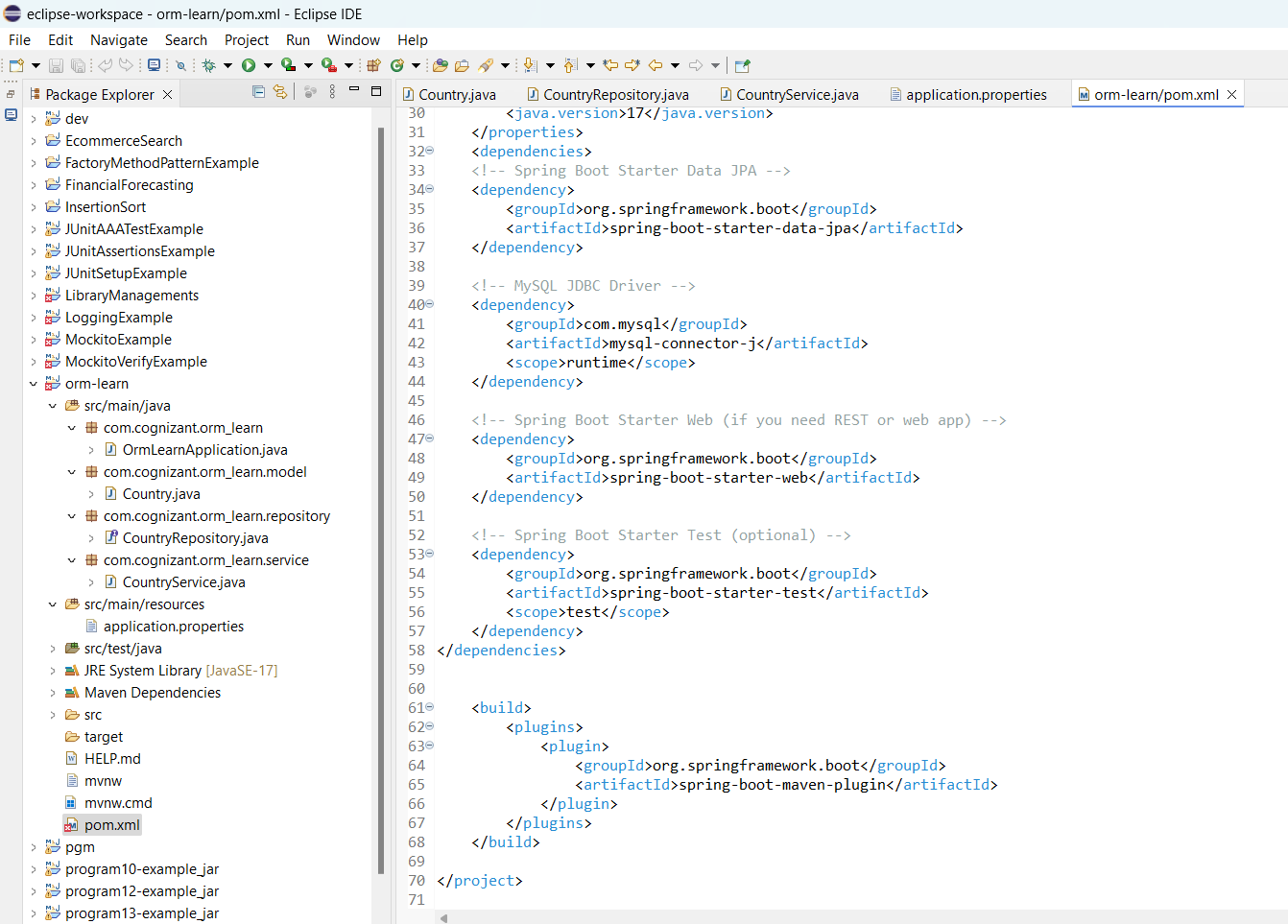
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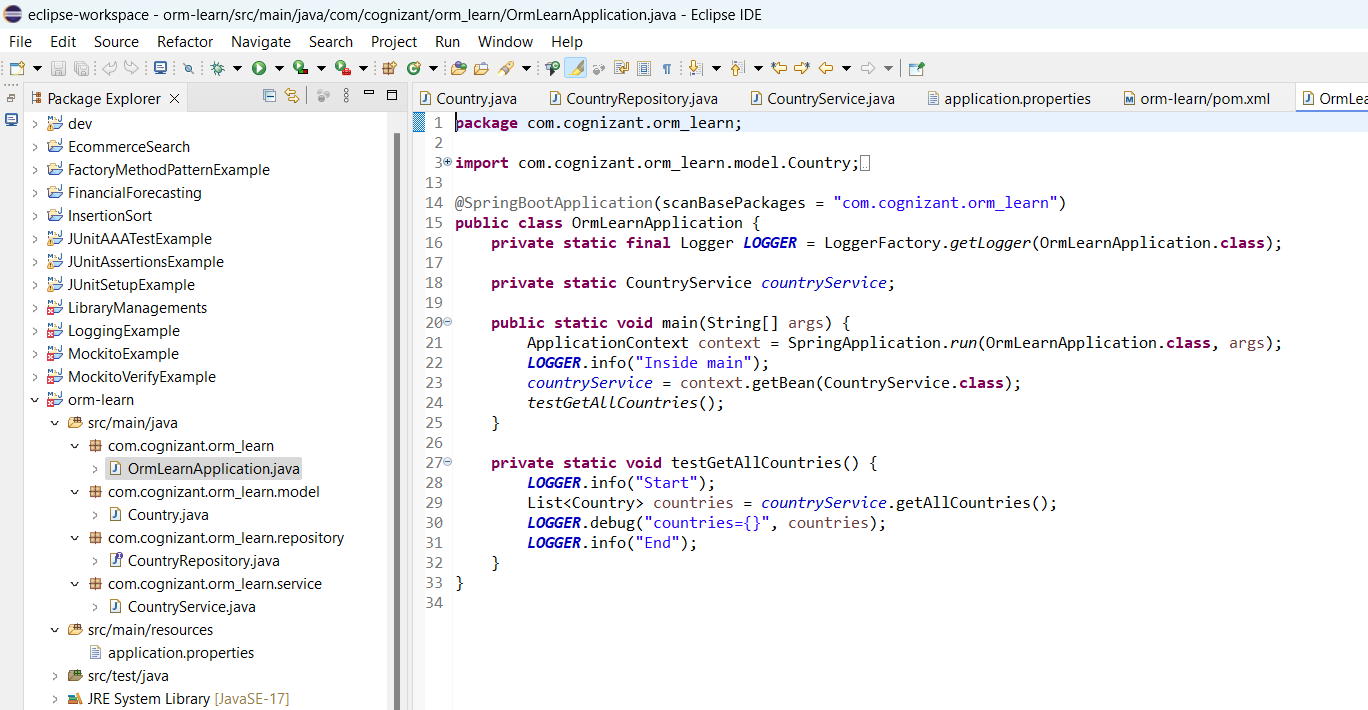
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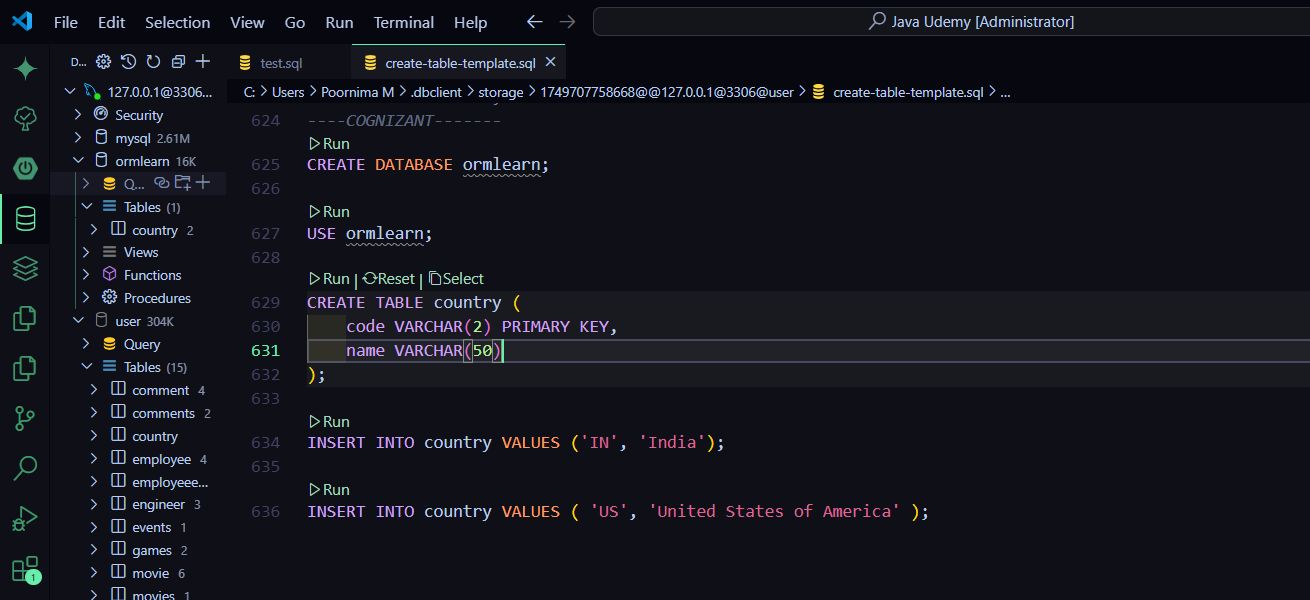
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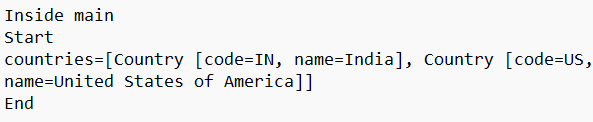
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**OUTPUT:**

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1. **Difference between JPA, Hibernate and Spring Data JPA**

Java Persistence API (JPA)

• JSR 338 Specification for persisting, reading and managing data from Java objects

• Does not contain concrete implementation of the specification

• Hibernate is one of the implementation of JPA

Hibernate

• ORM Tool that implements JPA

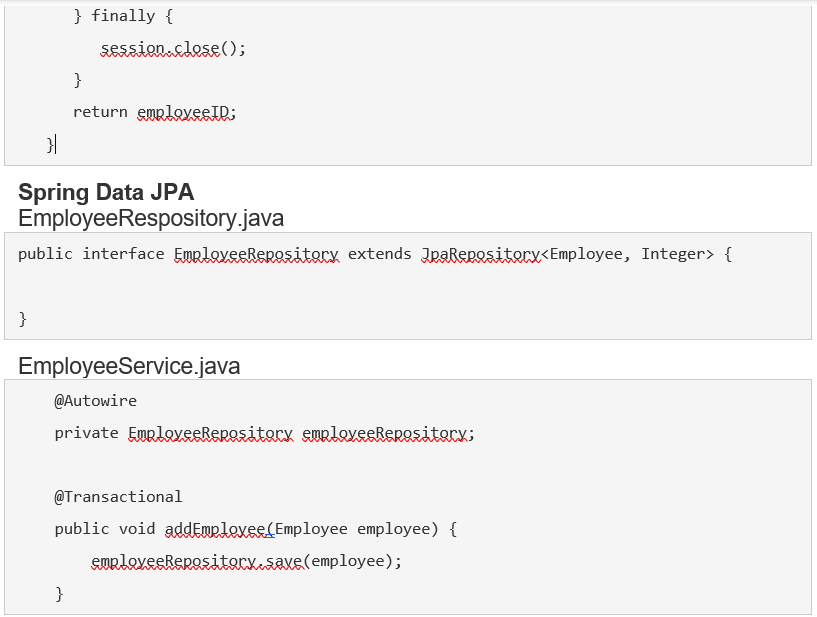
Spring Data JPA

• Does not have JPA implementation, but reduces boiler plate code

• This is another level of abstraction over JPA implementation provider like Hibernate

• Manages transactions





**OUTPUT:**

