**Exercise 2: Implementing Dependency Injection**

**Objective:**

This exercise focuses on implementing **Dependency Injection (DI)** using **Spring’s Inversion of Control (IoC) container**. The goal is to wire dependencies between BookService and BookRepository using **XML-based configuration**.

**Steps:**

1. Modify the XML Configuration
2. Update the BookService Class
3. Test the Configuration

**Output:**

"C:\Program Files\Java\jdk-24\bin\java.exe"

Springboot book

Process finished with exit code 0

**Conclusion:**

This exercise demonstrates the use of **setter-based dependency injection** using Spring’s **XML configuration**. Key takeaways:

* Promotes **loose coupling** between components.
* Enhances **testability and maintainability**.
* Demonstrates Spring’s **IoC container** managing object creation and injection.