# Exercise 1: Configuring a Basic Spring Application

## Objective

To set up a basic Spring Framework application using Maven. The goal is to create a library management backend with BookService and BookRepository components using Spring IoC.

## Steps Performed

1. Created a Maven project named `LibraryManagement`.  
2. Added Spring Core dependency in `pom.xml`.  
3. Created the following packages and classes:  
 - `com.library.repository.BookRepository`  
 - `com.library.service.BookService`  
4. Created a setter method in BookService to inject BookRepository.  
5. Created `applicationContext.xml` under `src/main/resources` to define beans.  
6. Loaded the Spring context in `MainApp.java` and tested the bean wiring.

## Output

Below is the output console after running `MainApp.java` in IntelliJ IDEA:

