***The structure of the directory is given below :***

LibraryManagement/

├── pom.xml

├── src/

│ ├── main/

│ │ ├── java/

│ │ │ └── com/

│ │ │ └── library/

│ │ │ ├── LibraryManagementApplication.java <-- Main class

│ │ │ ├── repository/

│ │ │ │ └── BookRepository.java <-- Repository class

│ │ │ └── service/

│ │ │ └── BookService.java <-- Service class (with setter)

│ │ └── resources/

│ │ └── applicationContext.xml <-- Spring XML config

└── target/ <-- Auto-generated by Maven (compiled output)

***pom.xml file content must be replaced with the following :***

<dependencies>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.3.29</version>

</dependency>

</dependencies>

***src/main/resources/applicationContext.xml file content is given below :***

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://www.springframework.org/schema/beans

http://www.springframework.org/schema/beans/spring-beans.xsd">

<bean id="bookRepository" class="com.library.repository.BookRepository"/>

<bean id="bookService" class="com.library.service.BookService">

<property name="bookRepository" ref="bookRepository"/>

</bean>

</beans>

***com/library/repository/BookRepository.java file content is given below:***

package com.library.repository;

public class BookRepository {

public void fetchBooks() {

System.out.println("Fetching books from the repository...");

}

}

***com/library/service/BookService.java file content is given below :***

package com.library.service;

import com.library.repository.BookRepository;

public class BookService {

private BookRepository bookRepository;

// Setter for Dependency Injection

public void setBookRepository(BookRepository bookRepository) {

this.bookRepository = bookRepository;

}

public void displayBooks() {

System.out.println("BookService: Displaying books...");

bookRepository.fetchBooks();

}

}

***LibraryManagementApplication.java file which is to be executed for running the project is given below:***

package com.library;

import com.library.service.BookService;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class LibraryManagementApplication {

public static void main(String[] args) {

ApplicationContext context = new ClassPathXmlApplicationContext("applicationContext.xml");

BookService bookService = (BookService) context.getBean("bookService");

bookService.displayBooks();

}

}