**Exercise 6: Configuring Beans with Annotations**

**1.Update applicationContext.xml**

<context:component-scan base-package="com.library" xmlns:context="http://www.springframework.org/schema/context"/>

**2.Annotate classes**

**BookService.java**

package com.library.service;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Service;

import com.library.repository.BookRepository;

@Service

public class BookService {

@Autowired

private BookRepository bookRepository;

public void printService() {

System.out.println("BookService: Performing service operations.");

bookRepository.printRepo();

}

}

**BookRepository.java**

package com.library.repository;

import org.springframework.stereotype.Repository;

@Repository

public class BookRepository {

public void printRepo() {

System.out.println("BookRepository: Managing book data.");

}

}

**3.Run the application**

package com.library;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import com.library.service.BookService;

public class LibraryManagementApplication {

public static void main(String[] args) {

ApplicationContext context =

new ClassPathXmlApplicationContext("applicationContext.xml");

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

bookService.printService();

}

}