**CODE**

src/main/java/com.library/Main.java

import com.library.service.BookService;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class Main {

public static void main(String args[])

{

ClassPathXmlApplicationContext classPathXmlapplicationContext = new ClassPathXmlApplicationContext("applicationContext.xml");

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

bookService.execute();

classPathXmlapplicationContext.close();

}

}

src/main/java/com.library/Service/BookService.java

package com.library.service;

import com.library.repository.BookRepository;

public class BookService {

private BookRepository bookRepository;

public BookService(BookRepository bookRepository)

{

this.bookRepository = bookRepository;

System.out.println("BookService created!");

}

public void execute()

{

System.out.println("Executed without manual setup! Wohoo!");

}

}

src/main/java/com.library/Repository/BookRepository.java

package com.library.repository;

public class BookRepository {

public BookRepository() {

System.out.println("BookRepository Created!");

}

}

pom.xml

*<?*xml version="1.0" encoding="UTF-8"*?>*

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.5.3</version>

<relativePath/> *<!-- lookup parent from repository -->*

</parent>

<groupId>com.library</groupId>

<artifactId>LibraryManagement</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>LibraryManagement</name>

<description>Configuring a Basic Spring Application</description>

<url/>

<licenses>

<license/>

</licenses>

<developers>

<developer/>

</developers>

<scm>

<connection/>

<developerConnection/>

<tag/>

<url/>

</scm>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

</build>

</project>

src/main/resources/applicationContext.xml

*<?*xml version="1.0" encoding="UTF-8"*?>*

<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

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

<bean id = "BookService1" class = "com.library.service.BookService">

<constructor-arg ref="BookRepository1"/>

</bean>

<bean id = "BookRepository1" class = "com.library.repository.BookRepository">

</bean>

*<!--Define even if not dependent>*

*Define because it is a depending object-->*

</beans>

**OUTPUT**

