**CODE:**

eclipse.preferences.version=1

org.eclipse.jdt.core.compiler.codegen.targetPlatform=1.8

org.eclipse.jdt.core.compiler.compliance=1.8

org.eclipse.jdt.core.compiler.problem.enablePreviewFeatures=disabled

org.eclipse.jdt.core.compiler.problem.forbiddenReference=warning

org.eclipse.jdt.core.compiler.problem.reportPreviewFeatures=ignore

org.eclipse.jdt.core.compiler.release=disabled

org.eclipse.jdt.core.compiler.source=1.8

activeProfiles=

eclipse.preferences.version=1

resolveWorkspaceProjects=true

version=1

package com.library.repository;

import org.springframework.stereotype.Repository;

@Repository

public class BookRepository {

public void saveBook(String bookTitle) {

System.out.println("Book '" + bookTitle + "' saved to the database.");

}

}

package com.library.service;

import com.library.repository.BookRepository;

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

import org.springframework.stereotype.Service;

@Service

public class BookService {

private BookRepository bookRepository;

// Constructor or setter-based DI can be used; using setter here

@Autowired

public void setBookRepository(BookRepository bookRepository) {

this.bookRepository = bookRepository;

}

public void addBook(String title) {

bookRepository.saveBook(title);

}

}

package com.library;

import com.library.service.BookService;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class MainApp {

public static void main(String[] args) {

try (ClassPathXmlApplicationContext context = new ClassPathXmlApplicationContext("applicationContext.xml")) {

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

service.addBook("Spring Boot in Action");

}

}

}

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

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

xmlns:context="http://www.springframework.org/schema/context"

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

http://www.springframework.org/schema/context

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

<!-- Enable annotation scanning -->

<context:component-scan base-package="com.library" />

</beans>

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

<classpath>

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<comment></comment>

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http://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>com.library</groupId>

<artifactId>LibraryAnnotationConfig</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<!-- Spring Context for @Component, @Service, @Repository -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.3.32</version>

</dependency>

</dependencies>

<build>

<plugins>

<!-- Maven Compiler Plugin -->

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.10.1</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

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</plugin>

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</build>

</project>

**OUTPUT:**

A screenshot of a computer

Description automatically generated