**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.aspect;

import org.aspectj.lang.annotation.After;

import org.aspectj.lang.annotation.Aspect;

import org.aspectj.lang.annotation.Before;

import org.springframework.stereotype.Component;

@Aspect

@Component

public class LoggingAspect {

@Before("execution(\* com.library.service.\*.\*(..))")

public void logBefore() {

System.out.println("[LOG] Method execution starting...");

}

@After("execution(\* com.library.service.\*.\*(..))")

public void logAfter() {

System.out.println("[LOG] Method execution completed.");

}

}

package com.library.repository;

import org.springframework.stereotype.Repository;

@Repository

public class BookRepository {

public void saveBook(String title) {

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

}

}

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 bookService = context.getBean(BookService.class);

bookService.addBook("Clean Architecture");

}

}

}

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

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

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

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

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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

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

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

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

<aop:aspectj-autoproxy />

</beans>

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

<classpath>

<classpathentry kind="src" output="target/classes" path="src/main/java">

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<attribute name="maven.pomderived" value="true"/>

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<projectDescription>

<name>LibraryAOPBasic</name>

<comment></comment>

<projects>

</projects>

<buildSpec>

<buildCommand>

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<arguments>

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<name>org.eclipse.m2e.core.maven2Builder</name>

<arguments>

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</buildCommand>

</buildSpec>

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<nature>org.eclipse.m2e.core.maven2Nature</nature>

</natures>

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

<modelVersion>4.0.0</modelVersion>

<groupId>com.library</groupId>

<artifactId>LibraryAOPBasic</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<!-- Spring Context -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.3.32</version>

</dependency>

<!-- Spring AOP -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-aspects</artifactId>

<version>5.3.32</version>

</dependency>

<!-- AspectJ Weaver -->

<dependency>

<groupId>org.aspectj</groupId>

<artifactId>aspectjweaver</artifactId>

<version>1.9.21</version>

</dependency>

</dependencies>

<build>

<plugins>

<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>

</configuration>

</plugin>

</plugins>

</build>

</project>

**OUTPUT:**

A screenshot of a computer program

Description automatically generated