# Exercise 4: Creating and Configuring a Maven Project

## Objective

To create a Maven project for the Library Management application and add required Spring dependencies, including Spring Context, AOP, and WebMVC. Configure the Maven Compiler Plugin for Java 1.8 compatibility.

## Steps Performed

1. Created a Maven project named `LibraryManagement` using IntelliJ IDEA.  
2. Added the following Spring dependencies in `pom.xml`:  
 - spring-context  
 - spring-aop  
 - spring-webmvc  
3. Configured the Maven Compiler Plugin in `pom.xml` to use Java version 1.8.  
4. Verified Maven project builds and dependencies are resolved in IntelliJ.  
5. Created the basic Spring components (BookService, BookRepository) to validate project structure.  
6. Used `applicationContext.xml` to configure and wire beans.  
7. Run `MainApp.java` to test the project setup and Spring context initialization.

## Output

The output confirms that the Maven setup and Spring bean configuration work correctly:

Inside BookService.  
Displaying list of books from BookRepository.