**Exercise 4: Creating and Configuring a Maven Project Scenario:**

You need to set up a new Maven project for the library management application and add Spring dependencies.

**1.Create a New Maven Project:**

Create a new Maven project named **LibraryManagement**.

**2.Add Spring Dependencies in pom.xml:**

<dependencies>

<!-- Spring Context (for core IoC functionality) -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.3.30</version>

</dependency>

<!-- Spring AOP (for aspect-oriented programming) -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-aspects</artifactId>

<version>5.3.30</version>

</dependency>

<!-- Spring Web MVC (for building web apps or REST controllers) -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-webmvc</artifactId>

<version>5.3.30</version>

</dependency>

</dependencies>

**3.Configure the Maven Compiler Plugin**

<build>

<plugins>

<plugin>

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

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

<version>3.8.1</version>

<configuration>

<source>1.8</source>

<target>1.8</target>

</configuration>

</plugin>

</plugins>

</build>

**Output**

