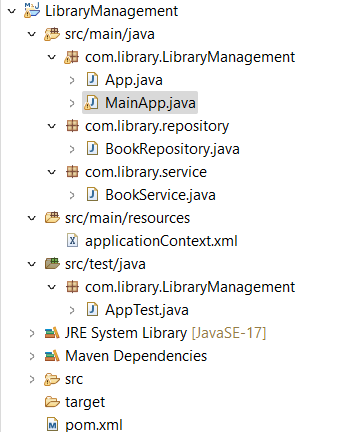
**WEEK-3**

**SPRING CORE AND MAVEN**

**Exercise 1: Configuring a Basic Spring Application**

**CODE:**

**STEP 1: Created a Maven project named LibraryManagement**

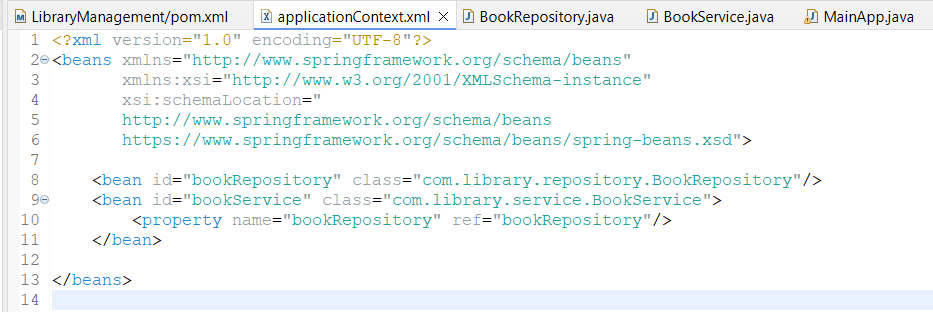


**Added Spring Core dependencies in the pom.xml**



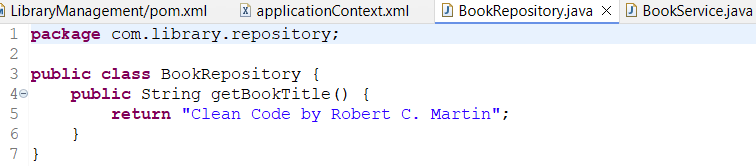
**Step 2: Created applicationContext.xml in src/main/resources**

**And Defined beans for BookService and BookRepository**

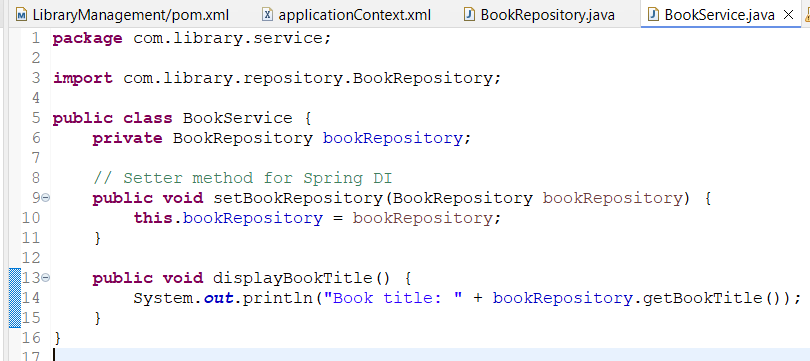


**Step 3:**

**Created a package com.library.repository and add a class BookRepository.**

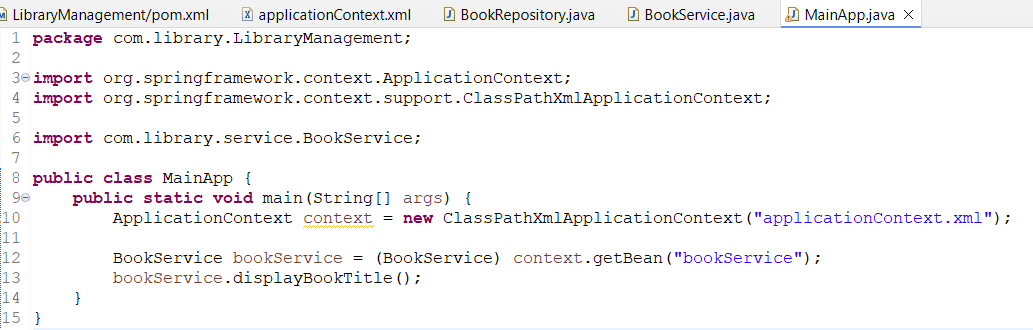


**Created a package com.library.service and add a class BookService.**

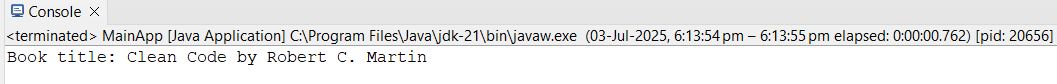


**Step 4:**

**Created a main class to load the Spring context and test the configuration.**



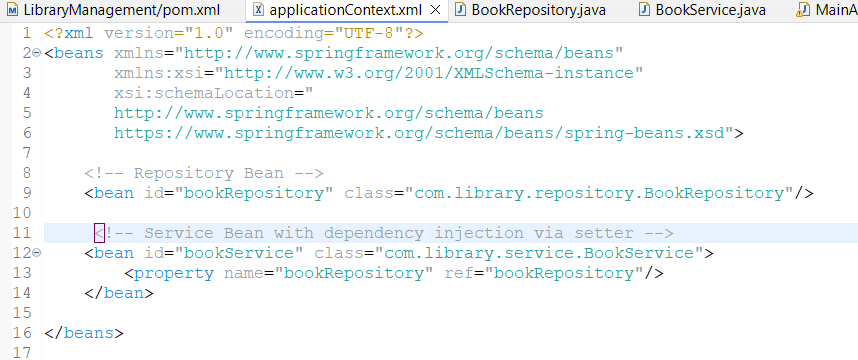
**OUTPUT:**



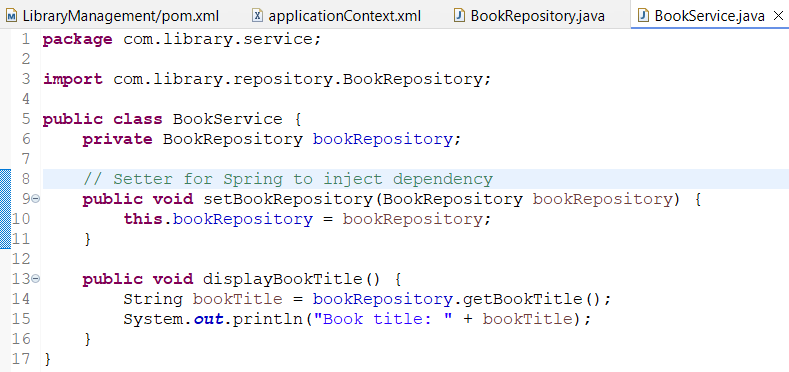
**Exercise 2: Implementing Dependency Injection**

**CODE:**

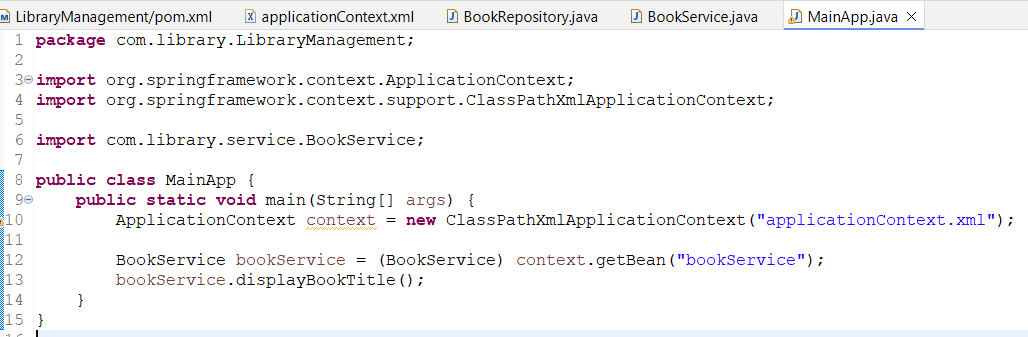
**Step 1: Modified the XML Configuration**



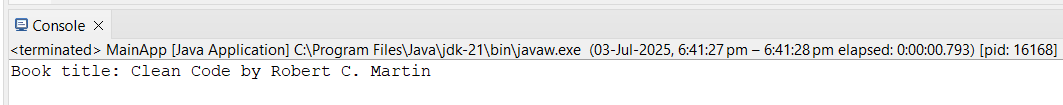
**Step 2: Updated the BookService Class**



**Step 3: Tested the Configuration**



**OUTPUT:**

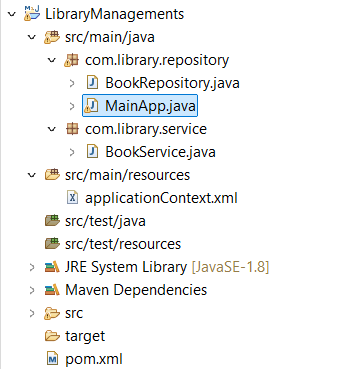


**Exercise 4: Creating and Configuring a Maven Project**

**OUTPUT:**

**CODE:**

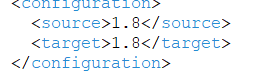
**Step 1: Created a New Maven Project**



**Step 2: Added Spring Dependencies in pom.xml**



**Step 3: Configured the Maven Compiler Plugin**



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