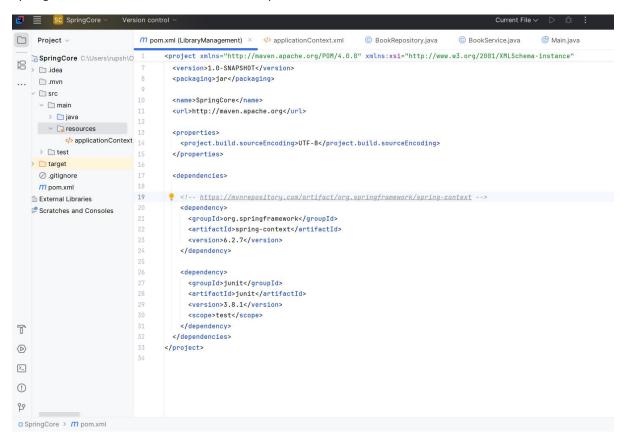
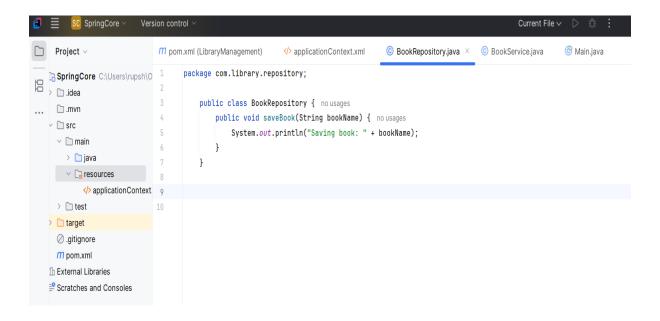
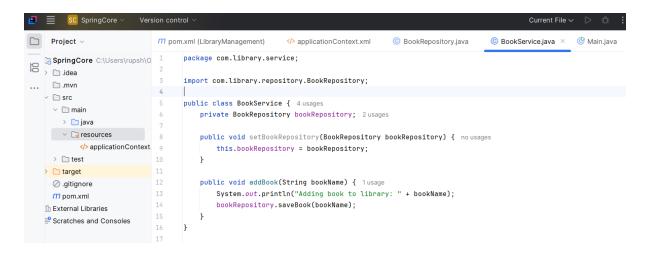
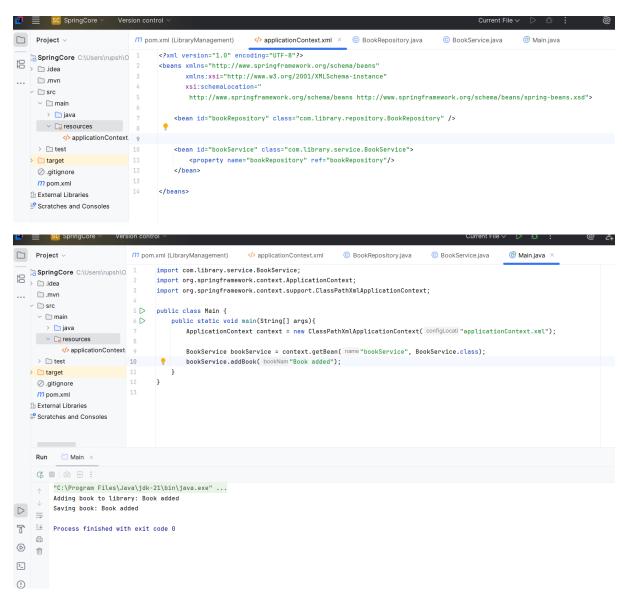
## Exercise 1: Configuring a Basic Spring Application

**Scenario:** Your company is developing a web application for managing a library. You need to use the Spring Framework to handle the backend operations.



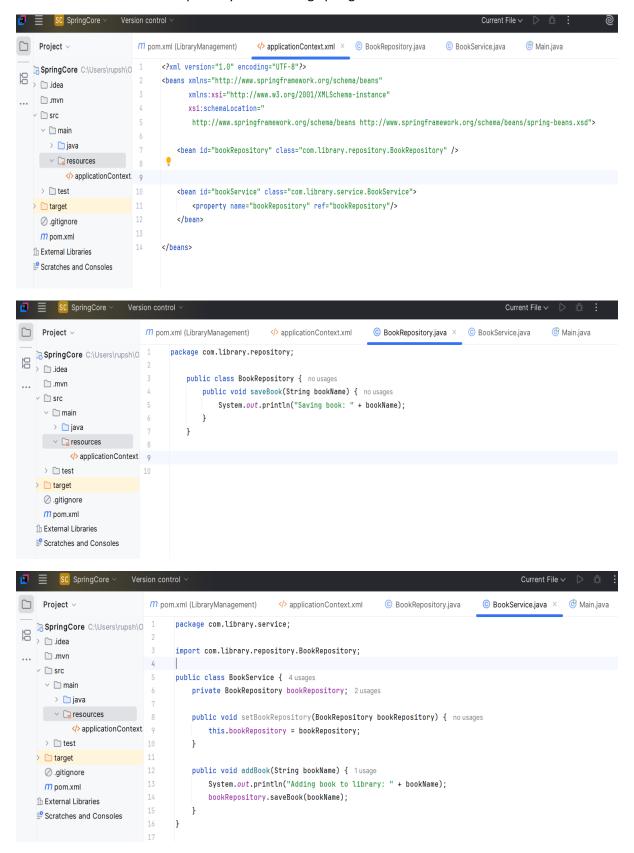






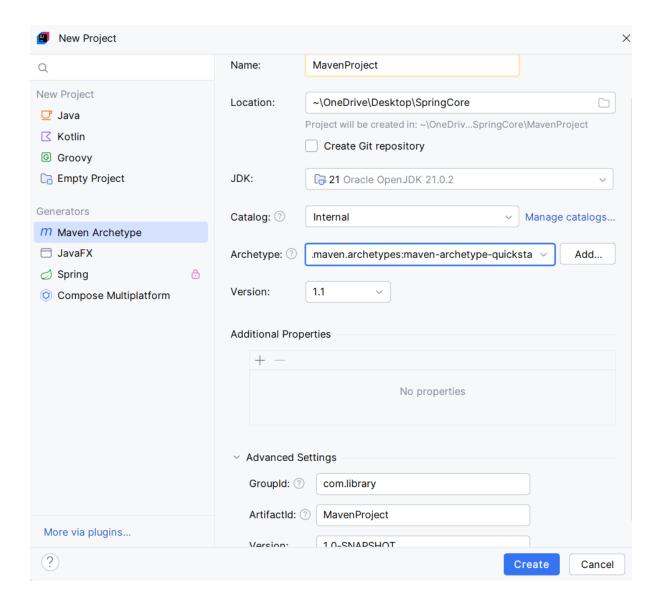
## **Exercise 2: Implementing Dependency Injection**

**Scenario:** In the library management application, you need to manage the dependencies between the BookService and BookRepository classes using Spring's IoC and DI.



## **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.



```
+ | 🕀 🗘 × : -
   Project ~
                                 m pom.xml (MavenProject)

∨ □ MavenProject C:\Users\rupsh\OneD

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                                        xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.
      > 🗀 .idea
                                         <modelVersion>4.0.0</modelVersion>
        imvn.
      ∨ 🗀 src
                                         <groupId>com.library
        > 🗀 main
                                         <artifactId>MavenProject</artifactId>
        > 🗀 test
                                         <version>1.0-SNAPSHOT
        .qitiqnore
                                         <packaging>jar</packaging>
        m pom.xml
    <name>MavenProject</name>
      Scratches and Consoles
                                        <url>http://maven.apache.org</url>
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                                          project.build.sourceEncoding>
                                         </properties>
                                         <dependencies>
                                 18
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                                 19
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                                 20
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                                            <scope>test</scope>
                                          </dependency>
                                          <!-- \ \underline{https://mvnrepository.com/artifact/org.springframework/spring-context} \ -->
                                          <dependency>
T
                                            <groupId>org.springframework</groupId>
                                            <artifactId>spring-context</artifactId>
D
                                            <version>6.2.7
>_
                                          </dependency>
```

