Spring Core Maven  
  
  
**Exercise 1: Configuring a Basic Spring Application**  
  
package com.example.repository;

public class BookRepository {

public BookRepository() {

System.out.println("This is BookRepository");

}

}  
  
package com.example.service;

public class BookService {

public BookService() {

System.out.println("This is BookService");

}

}

A screenshot of a computer

AI-generated content may be incorrect.

**Exercise 2: Implementing Dependency Injection**  
  
package com.example.repository;

public class BookRepository {

public BookRepository() {

System.out.println("BookRepository Created");

}

@Override

public String toString(){

return "BookRepository Injected";

}

}  
  
  
package com.example;

import com.example.service.BookService;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

/\*\*

\* Hello world!

\*

\*/

public class App

{

public static void main( String[] args )

{

System.out.println("Application Started");

ApplicationContext context = new ClassPathXmlApplicationContext("applicationContext.xml");

BookService service = context.getBean(BookService.class);

service.printBookRepository();

}

}

A screenshot of a computer program

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**Exercise 4: Creating and Configuring a Maven Project**  
  
package com.example;

import junit.framework.Test;

import junit.framework.TestCase;

import junit.framework.TestSuite;

public class AppTest

extends TestCase

{

/\*\*

\* Create the test case

\*

\* @param testName name of the test case

\*/

public AppTest( String testName )

{

super( testName );

}

/\*\*

\* @return the suite of tests being tested

\*/

public static Test suite()

{

return new TestSuite( AppTest.class );

}

/\*\*

\* Rigourous Test :-)

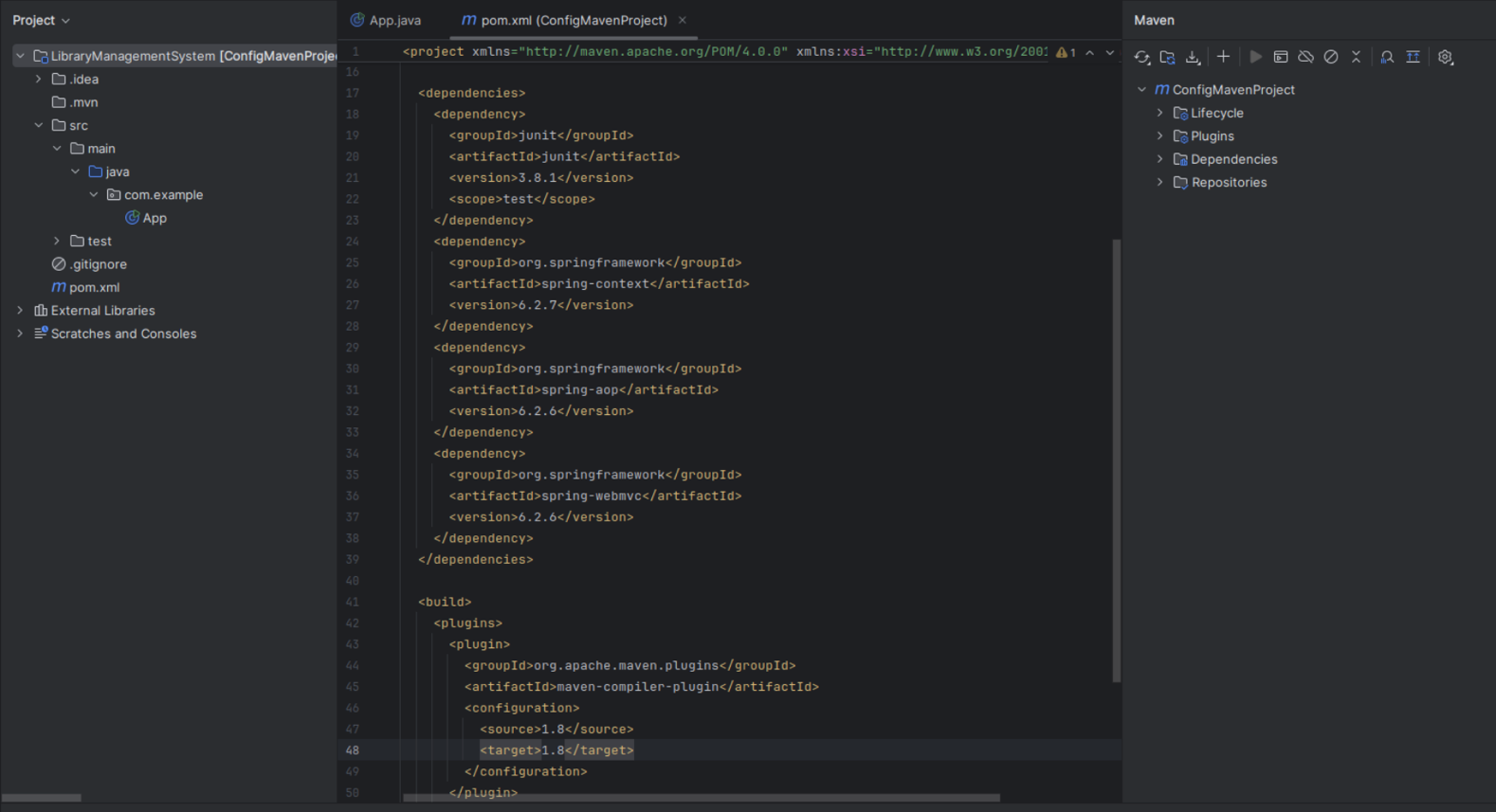
\*/

public void testApp()

{

assertTrue( true );

}

}  
  
  
**Exercise 5: Configuring the Spring IoC Container**  
  
package com.example.repository;

import java.util.Arrays;

import java.util.List;

public class BookRepository {

public BookRepository() {

System.out.println("BookRepository Created");

}

public List<String> getBooks() {

return Arrays.asList("Java Books", "Spring Books", "Mern Books");

}

}

A computer screen shot of a program

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**Exercise 7: Implementing Constructor and Setter Injection**  
  
package com.example;

import com.example.service.BookService;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class App

{

public static void main( String[] args )

{

ApplicationContext context = new ClassPathXmlApplicationContext("applicationContext.xml");

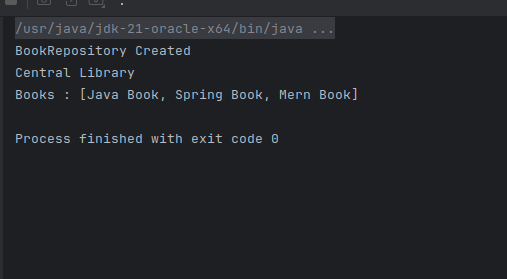
BookService bookService = context.getBean(BookService.class);

System.out.println(bookService.getLibraryName());

bookService.getBooks();

}

}

  
  
**Exercise 9: Creating a Spring Boot Application**  
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