2200030216 WEEK-3 Spring core maven

**Exercise 2: Implementing Dependency Injection**

**Modify the XML Configuration**

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

       xsi:schemaLocation="

         http://www.springframework.org/schema/beans

         http://www.springframework.org/schema/beans/spring-beans.xsd">

    <bean id="bookRepository" class="com.example.library.repository.BookRepository" />

    <bean id="bookService" class="com.example.library.service.BookService">

        <property name="bookRepository" ref="bookRepository" />

    </bean>

</beans>

**BookService Class**

public class BookService {

    private BookRepository bookRepository;

    public *void* setBookRepository(BookRepository *bookRepository*) {

        this.bookRepository = *bookRepository*;

    }

    public *void* addBook(Book *book*) {

        bookRepository.save(*book*);

    }

    public List<Book> getAllBooks() {

        return bookRepository.findAll();

    }

}

**Test the Configuration**

