WEEK-3 Spring core Maven

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

Create a Maven project named **LibraryManagement**

**applicationContext.xml**

<?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

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

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

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

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

    </bean>

</beans>

**BookService**.

package com.library.service;

import java.util.List;

import com.library.repository.BookRepository;

public class BookService {

    private BookRepository bookRepository;

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

        this.bookRepository = *repo*;

    }

    public List<String> listTitles() {

        return bookRepository.findAllTitles();

    }

}

**BookRepository**

package com.library.repository;

import java.util.Arrays;

import java.util.List;

public class BookRepository {

    public List<String> findAllTitles() {

        return Arrays.asList(

                "Clean Code",

                "Effective Java",

                "Spring in Action");

    }

}

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