**SPRING CORE – LOAD COUNTRY FROM SPRING CONFIGURATION XML**

**CODE**

**Country.java  
 package com.cognizant.spring\_learn;**

**import org.slf4j.Logger;**

**import org.slf4j.LoggerFactory;**

**public class Country {**

**private static final Logger *LOGGER* = LoggerFactory.*getLogger*(Country.class);**

**private String code;**

**private String name;**

**public Country() {**

***LOGGER*.debug("Inside Country Constructor.");**

**}**

**public String getCode() {**

***LOGGER*.debug("Inside getCode()");**

**return code;**

**}**

**public void setCode(String code) {**

***LOGGER*.debug("Inside setCode()");**

**this.code = code;**

**}**

**public String getName() {**

***LOGGER*.debug("Inside getName()");**

**return name;**

**}**

**public void setName(String name) {**

***LOGGER*.debug("Inside setName()");**

**this.name = name;**

**}**

**@Override**

**public String toString() {**

**return "Country{" +**

**"code='" + code + '\'' +**

**", name='" + name + '\'' +**

**'}';**

**}**

**}**

**SpringLearnApplication.java**

**package com.cognizant.spring\_learn;**

**import org.slf4j.Logger;**

**import org.slf4j.LoggerFactory;**

**import org.springframework.boot.SpringApplication;**

**import org.springframework.boot.autoconfigure.SpringBootApplication;**

**import org.springframework.context.ApplicationContext;**

**import org.springframework.context.support.ClassPathXmlApplicationContext;**

**@SpringBootApplication**

**public class SpringLearnApplication {**

**private static final Logger *LOGGER* = LoggerFactory.*getLogger*(SpringLearnApplication.class);**

**public static void main(String[] args) {**

**SpringApplication.*run*(SpringLearnApplication.class, args);**

***displayCountry*();**

**}**

**public static void displayCountry() {**

**ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");**

**Country country = context.getBean("country", Country.class);**

***LOGGER*.debug("Country : {}", country.toString());**

**}**

**}**

**application.properties**

**logging.level.com.cognizant.spring\_learn=DEBUG**

**server.port=9090**

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

**<bean id="country" class="com.cognizant.spring\_learn.Country">**

**<property name="code" value="IN"/>**

**<property name="name" value="India"/>**

**</bean>**

**</beans>**

**SpringLearnApplicationTests.java**

**package com.cognizant.spring\_learn;**

**import org.junit.jupiter.api.Test;**

**import org.springframework.boot.test.context.SpringBootTest;**

**@SpringBootTest**

**class SpringLearnApplicationTests {**

**@Test**

**void contextLoads() {**

**}**

**}**

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

**<project xmlns="http://maven.apache.org/POM/4.0.0"**

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

**xsi:schemaLocation="**

**http://maven.apache.org/POM/4.0.0**

**https://maven.apache.org/xsd/maven-4.0.0.xsd">**

**<modelVersion>4.0.0</modelVersion>**

**<parent>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-parent</artifactId>**

**<version>3.5.3</version> <!-- latest GA as of Jul 2025 -->**

**<relativePath/> <!-- look up in Maven Central -->**

**</parent>**

**<groupId>com.cognizant</groupId>**

**<artifactId>spring-learn</artifactId>**

**<version>0.0.1-SNAPSHOT</version>**

**<name>spring-learn</name>**

**<description>Learning project for Spring Boot Web</description>**

**<packaging>jar</packaging>**

**<properties>**

**<java.version>17</java.version> <!-- Boot 3.x requires ≥17 -->**

**<!-- <native.image.enabled>true</native.image.enabled> # GraalVM, optional -->**

**</properties>**

**<dependencies>**

**<!-- Web (Spring MVC + embedded Tomcat) -->**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-web</artifactId>**

**</dependency>**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-thymeleaf</artifactId>**

**</dependency>**

**<dependency>**

**<groupId>org.projectlombok</groupId>**

**<artifactId>lombok</artifactId>**

**<optional>true</optional>**

**</dependency>**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-devtools</artifactId>**

**<scope>runtime</scope>**

**</dependency>**

**<dependency>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-starter-test</artifactId>**

**<scope>test</scope>**

**</dependency>**

**- spring-boot-starter-data-jpa**

**- mysql‑connector‑j**

**- spring-boot-starter-security**

**- etc. -->**

**</dependencies>**

**<build>**

**<plugins>**

**<plugin>**

**<groupId>org.springframework.boot</groupId>**

**<artifactId>spring-boot-maven-plugin</artifactId>**

**<!-- No extra config needed; Boot 3 handles layers & aot automatically -->**

**</plugin>**

**</plugins>**

**</build>**

**</project>**

**OUTPUT**

****