**EX:04 REST - Country Web Service**

**PROGRAM:**

package com.cognizant.spring\_learn;  
import com.cognizant.spring\_learn.Country;  
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) {  
*LOGGER*.info("START");  
  
SpringApplication.*run*(SpringLearnApplication.class, args);  
  
*// Uncomment if you want to test country loading directly from XML  
 // displayCountry();  
  
LOGGER*.info("END");  
 }  
  
public static void displayCountry() {  
ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");  
Country country = context.getBean("country", Country.class);  
*LOGGER*.debug("Country: {}", country.toString());  
 }  
}

*<?*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="country" class="com.cognizant.spring\_learn.Country">  
<property name="code" value="IN" />  
<property name="name" value="India" />  
</bean>  
</beans>

package com.cognizant.spring\_learn.controller;  
  
import com.cognizant.spring\_learn.Country;  
import org.slf4j.Logger;  
import org.slf4j.LoggerFactory;  
import org.springframework.context.ApplicationContext;  
import org.springframework.context.support.ClassPathXmlApplicationContext;  
import org.springframework.web.bind.annotation.RequestMapping;  
import org.springframework.web.bind.annotation.RestController;  
  
@RestController  
public class CountryController {  
  
private static final Logger *LOGGER* = LoggerFactory.*getLogger*(CountryController.class);  
  
@RequestMapping("/country")  
public Country getCountryIndia() {  
*LOGGER*.info("START - getCountryIndia()");  
ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");  
Country country = context.getBean("country", Country.class);  
*LOGGER*.info("END - getCountryIndia()");  
return country;  
 }  
}

spring.application.name=spring-learn  
server.port=8083

**OUTPUT**:

