**SUPERSET ID: 6408269**

**TOPIC : SPRING REST USING SPRINGBOOT 3**

**EXERCISE : REST - COUNTRY WEB SERVICE**

**->** **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.springlearn.model.Country">

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

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

</bean>

</beans>

-> **Country Class**

package com.cognizant.springlearn.model;

public class Country {

private String code;

private String name;

public Country() {

System.out.println("Inside Country Constructor.");

}

public String getCode() {

System.out.println("Inside getCode()");

return code;

}

public void setCode(String code) {

System.out.println("Inside setCode()");

this.code = code;

}

public String getName() {

System.out.println("Inside getName()");

return name;

}

public void setName(String name) {

System.out.println("Inside setName()");

this.name = name;

}

@Override

public String toString() {

return "Country [code=" + code + ", name=" + name + "]";

}

}

-> **CountryController Class**

package com.cognizant.springlearn.controller;

import com.cognizant.springlearn.model.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 = (Country) context.getBean("country", Country.class);

LOGGER.info("END - getCountryIndia()");

return country;

}

}

->**application properties**

server.port=8084

**OUTPUT SCREENSHOTS:**





