Week 4 Hands-on 4: REST - Country Web Service

# Objective

Write a REST service that returns India country details in the earlier created spring learn application.

# Endpoint Details

URL: http://localhost:8080/country

Controller: com.cognizant.spring\_learn.controller.CountryController

Method Name: getCountryIndia()

Annotation Used: @RequestMapping

Response:

{ "code": "IN", "name": "India" }

# CountryController.java

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

# Output Screenshot

Below is the output when accessed through browser:

