## **REST - Get country based on country code**

## **CountryController.java:**

```
package com.cognizant.spring_learn.controller;
import com.cognizant.spring_learn.Country;
import com.cognizant.spring_learn.service.CountryService;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.*;
@RestController
public class CountryController {
  @Autowired
  private CountryService countryService;
  @GetMapping("/countries/{code}")
  public Country getCountry(@PathVariable String code) {
    return countryService.getCountry(code);
  }
CountryService.java:
package com.cognizant.spring_learn.service;
import com.cognizant.spring_learn.Country;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;
import org.springframework.stereotype.Service;
import java.util.List;
@Service
public class CountryService {
  public Country getCountry(String code) {
```

```
ApplicationContext context = new
ClassPathXmlApplicationContext("country.xml");
    List<Country> countryList = context.getBean("countryList", List.class);
    return countryList.stream()
         .filter(c -> c.getCode().equalsIgnoreCase(code))
         .findFirst()
         .orElse(null);
  }
}
country.xml:
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"</pre>
    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.Country">
    cproperty name="code" value="IN"/>
    property name="name" value="India"/>
  </bean>
  <bean id="countryList" class="java.util.ArrayList">
    <constructor-arg>
       t>
         <bean class="com.cognizant.springlearn.Country">
           cproperty name="code" value="IN"/>
           cproperty name="name" value="India"/>
         </bean>
         <bean class="com.cognizant.springlearn.Country">
```

## **OUTPUT:**



