**REST - Country Web Service**   
  
Write a REST service that returns India country details in the earlier created spring learn application.  
  
**URL**: /country  
**Controller**: com.cognizant.spring-learn.controller.CountryController  
**Method Annotation**: @RequestMapping  
**Method Name**: getCountryIndia()  
**Method Implementation**: Load India bean from spring xml configuration and return  
**Sample Request**: http://localhost:8083/country  
**Sample Response**:

{

  "code": "IN",

  "name": "India"

}

SME to explain the following aspects:

* What happens in the controller method?
* How the bean is converted into JSON reponse?
* In network tab of developer tools show the HTTP header details received
* In postman click on "Headers" tab to view the HTTP header details received

**Source Code:**

**Country.java:**

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

**public** **class** Country {

**private** String code;

**private** String name;

**public** Country() {}

**public** Country(String code, String name) {

**this**.code=code;

**this**.name=name;

}

**public** String getCode() {

**return** code;

}

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

**this**.code=code;

}

**public** String getName() {

**return** name;

}

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

**this**.name=name;

}

}

**appli.xml:**

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

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

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

</bean>

**Cont.java:**

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

**import** com.cognizant.spring\_learn.model.Country;

**import** org.springframework.beans.factory.annotation.Autowired;

**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** Cont {

@RequestMapping("/country")

**public** Country getCountryIndia() {

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

Country country=(Country)context.getBean("in");

**return** country;

}

}

**Output:**

**Json file:**

{

"code": "IN",

"name": "India"

}