**Hands On 4: Read country data as a bean in RESTful Web Service**

**CountryController**

package com.cognizant.orm\_learn.controller;

import com.cognizant.orm\_learn.model.Country;

import com.cognizant.orm\_learn.service.CountryService;

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

import org.springframework.web.bind.annotation.\*;

import java.util.List;

@RestController

@RequestMapping("/countries") // ✔️ Plural resource name at class level

public class CountryController {

@Autowired

private CountryService countryService;

@PostMapping

public Country addCountry(@RequestBody Country country) {

System.out.println("Start");

System.out.println("Code: " + country.getCode());

System.out.println("Name: " + country.getName());

return country; }

@GetMapping

public List<Country> getAllCountries() {

return countryService.getAllCountries();

}

@GetMapping("/{code}")

public Country getCountry(@PathVariable String code) {

return countryService.getCountry(code);

}

@PutMapping

public void updateCountry(@RequestBody Country country) {

countryService.updateCountry(country);

}

@DeleteMapping("/{code}")

public void deleteCountry(@PathVariable String code) {

countryService.deleteCountry(code);

}

}

**Output**

**Url:**POST <http://localhost:8080/countries>

{

  "code": "IN",

  "name": "India"

}

