**Get country based on country code**

**CountryController.java**

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

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

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

import com.cognizant.spring\_learn\_rest.service.CountryService;

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

@RestController

public class CountryController {

@Autowired

private CountryService countryService;

@GetMapping("/countries/{code}")

public Country getCountry(@PathVariable String code) {

return countryService.getCountry(code);

}

}

**Country.java**

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

}

}

**CountryService.java**

**package** com.cognizant.spring\_learn\_rest.service;

**import** org.springframework.stereotype.Service;

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

**import** java.util.List;

@Service

**public** **class** CountryService {

**private** List<Country> countryList;

**public** Country getCountry(String code) {

countryList = List.*of*(

**new** Country("IN", "India"),

**new** Country("US", "United States"),

**new** Country("JP", "Japan")

);

**return** countryList.stream()

.filter(c -> c.getCode().equalsIgnoreCase(code))

.findFirst()

.orElse(**null**);

}

}

**SpringLearnRestApplication.java**

package com.cognizant.spring\_learn\_rest;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SpringLearnRestApplication {

public static void main(String[] args) {

SpringApplication.run(SpringLearnRestApplication.class, args);

}

}

**Output:**



