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

**Country.java**

package com.cognizant.springlearn.model;

import javax.validation.constraints.NotNull;

import javax.validation.constraints.Size;

public class Country {

@NotNull

@Size(min = 2, max = 2, message = "Country code should be 2 characters")

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;

}

}

**CountryController.java**

package com.cognizant.springlearn.controller;

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

import org.springframework.http.HttpStatus;

import org.springframework.web.server.ResponseStatusException;

import com.cognizant.springlearn.model.Country;

import java.util.\*;

@RestController

@RequestMapping("/countries")

public class CountryController {

private static Map<String, Country> countryMap = new HashMap<>();

static {

countryMap.put("IN", new Country("IN", "India"));

countryMap.put("US", new Country("US", "United States"));

countryMap.put("CN", new Country("CN", "China"));

}

@GetMapping("/{code}")

public Country getCountry(@PathVariable String code) {

Country country = countryMap.get(code.toUpperCase());

if (country == null) {

throw new ResponseStatusException(HttpStatus.NOT\_FOUND, "Country not found");

}

return country;

}

}

**OUTPUT:**

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