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

**Code:**

1. **Country.java**

package com.example.country\_api;

public class Country {

private String code;

private String name;

private String capital;

public Country() {}

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

this.code = code;

this.name = name;

this.capital = capital;

}

public String getCode() {

return code;

}

public String getName() {

return name;

}

public String getCapital() {

return capital;

}

public void setCode(String code) {

this.code = code;

}

public void setName(String name) {

this.name = name;

}

public void setCapital(String capital) {

this.capital = capital;

}

}

1. **CountryController.java**

package com.example.country\_api;

import com.example.country\_api.Country;

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

import java.util.HashMap;

import java.util.Map;

@RestController

@RequestMapping("/api")

public class CountryController {

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

// Static block to populate data

static {

countryMap.put("in", new Country("in", "India", "New Delhi"));

countryMap.put("us", new Country("us", "United States", "Washington D.C."));

countryMap.put("uk", new Country("uk", "United Kingdom", "London"));

}

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

public Country getCountryByCode(@PathVariable String code) {

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

if (country == null) {

throw new CountryNotFoundException("Country not found for code: " + code);

}

return country;

}

}

1. **CountryApiApplication.java**

package com.example.country\_api;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class CountryApiApplication {

public static void main(String[] args) {

SpringApplication.run(CountryApiApplication.class, args);

}

}

**Output:**



