CountryController.java:

package com.cognizant.springlearn.controller;

import com.cognizant.springlearn.Country;

import com.cognizant.springlearn.service.CountryService;

import com.cognizant.springlearn.service.exception.CountryNotFoundException;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

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

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

import java.util.List;

@RestController

@RequestMapping("/countries")

public class CountryController {

private static final Logger LOGGER = LoggerFactory.getLogger(CountryController.class);

@Autowired

private CountryService countryService;

@GetMapping

public List<Country> getAllCountries() {

LOGGER.info("START getAllCountries()");

List<Country> countries = countryService.getAllCountries();

LOGGER.info("END getAllCountries()");

return countries;

}

@GetMapping("/{code}")

public Country getCountry(@PathVariable String code) throws CountryNotFoundException {

LOGGER.info("START getCountry() with code = {}", code);

Country country = countryService.getCountry(code);

LOGGER.info("END getCountry()");

return country;

}

// POST with @RequestBody

@PostMapping

public Country addCountry(@RequestBody Country country) {

LOGGER.info("START addCountry()");

LOGGER.debug("Received Country: {}", country);

return country;

}

}

Country.java:  
package com.cognizant.springlearn;

public class Country {

private String code;

private String name;

// Getters

public String getCode() {

return code;

}

public String getName() {

return name;

}

// Setters

public void setCode(String code) {

this.code = code;

}

public void setName(String name) {

this.name = name;

}

// toString

@Override

public String toString() {

return "Country{" + "code='" + code + '\'' + ", name='" + name + '\'' + '}';

}

}