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") // Resource base path**

**public class CountryController {**

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

**@Autowired**

**private CountryService countryService;**

**// GET all countries**

**@GetMapping**

**public List<Country> getAllCountries() {**

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

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

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

**return countries;**

**}**

**// GET country by code**

**@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 request to /countries — just logs "START"**

**@PostMapping**

**public void addCountry() {**

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

**}**

**}**