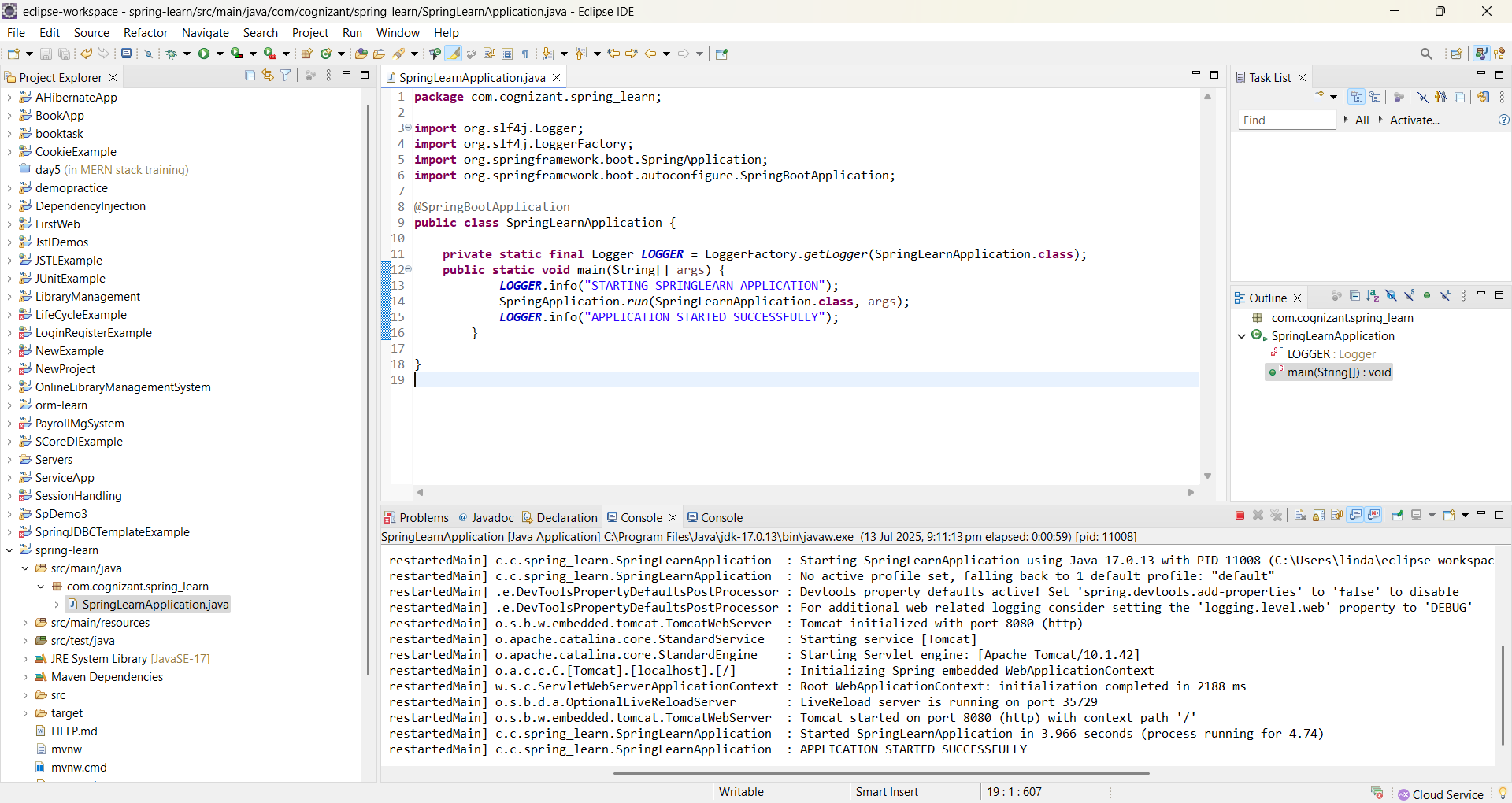
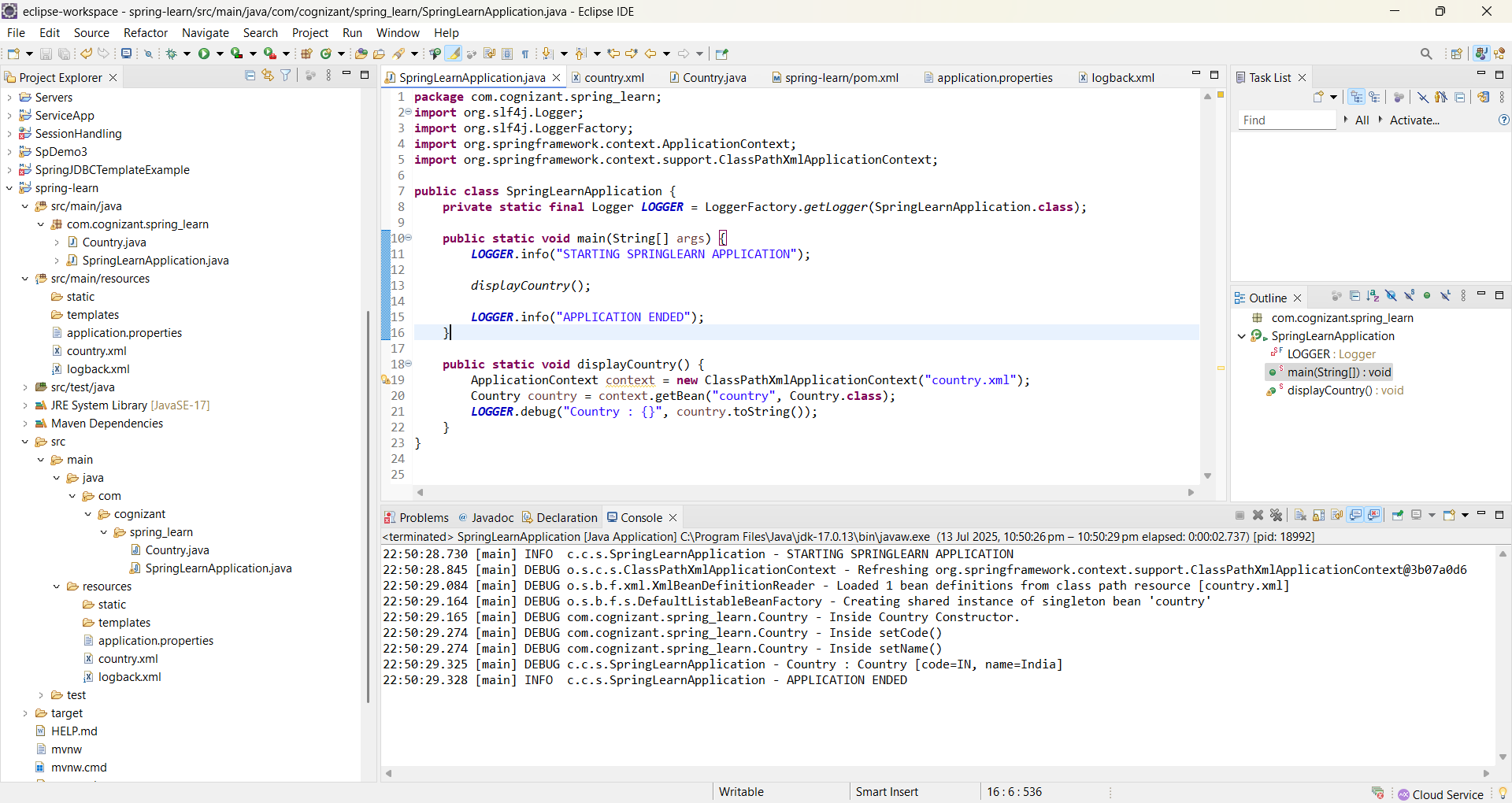
**Spring REST using Spring Boot 3**

**Output:**

Exercise-1



Exercise-2



Exercise -3

**Code:**

HelloController.java

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

**import** org.slf4j.Logger;

**import** org.slf4j.LoggerFactory;

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

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

@RestController

**public** **class** HelloController {

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

@GetMapping("/hello")

**public** String sayHello() {

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

String response = "Hello World!!";

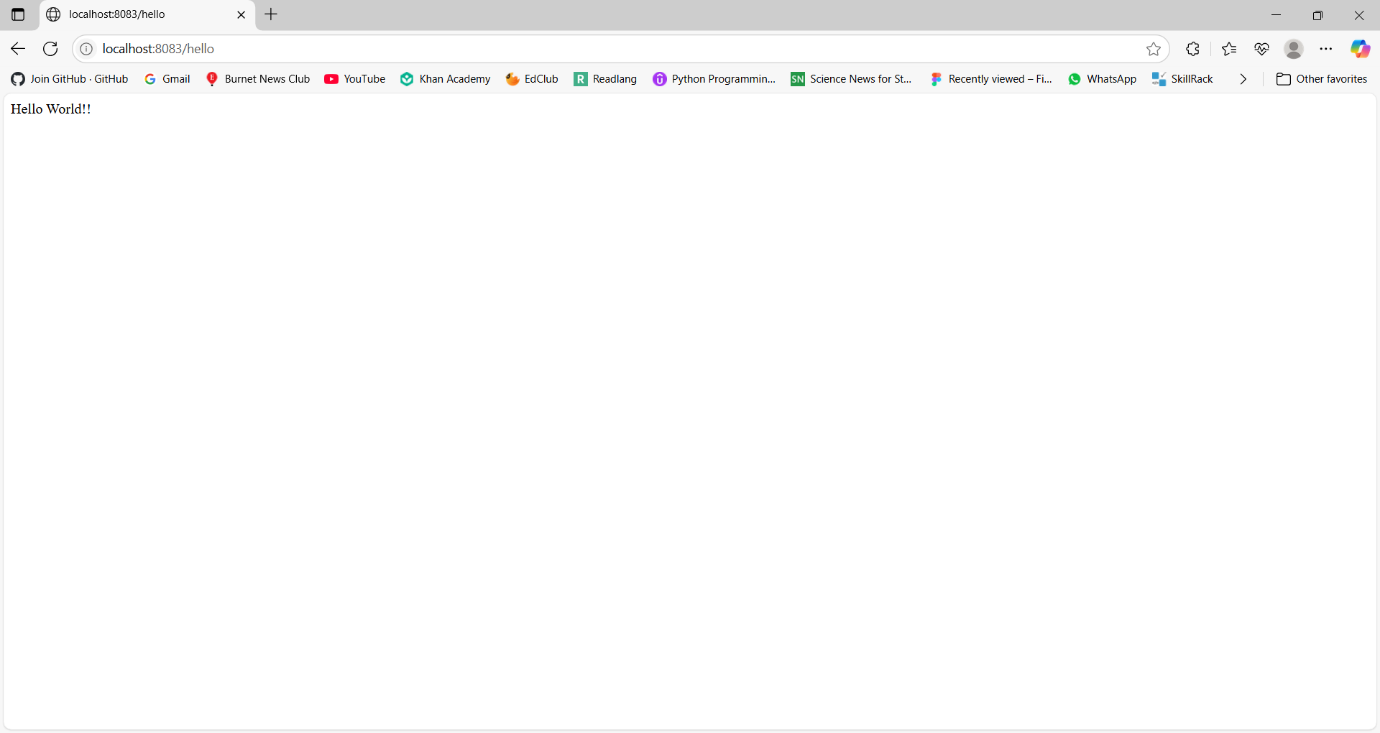
***LOGGER***.info("END sayHello()");

**return** response;

}

}

**Output:**

Exercise -4

**Code:**

CountryController.java

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

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

**import** java.util.List;

**import** org.slf4j.Logger;

**import** org.slf4j.LoggerFactory;

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

**import** org.springframework.context.ApplicationContext;

**import** org.springframework.context.support.ClassPathXmlApplicationContext;

@RestController

**public** **class** CountryController {

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

@RequestMapping(value = "/country", method = RequestMethod.***GET***)

**public** Country getCountryIndia() {

***LOGGER***.info("START: getCountryIndia()");

ApplicationContext context = **new** ClassPathXmlApplicationContext("country.xml");

Country country = context.getBean("country", Country.**class**);

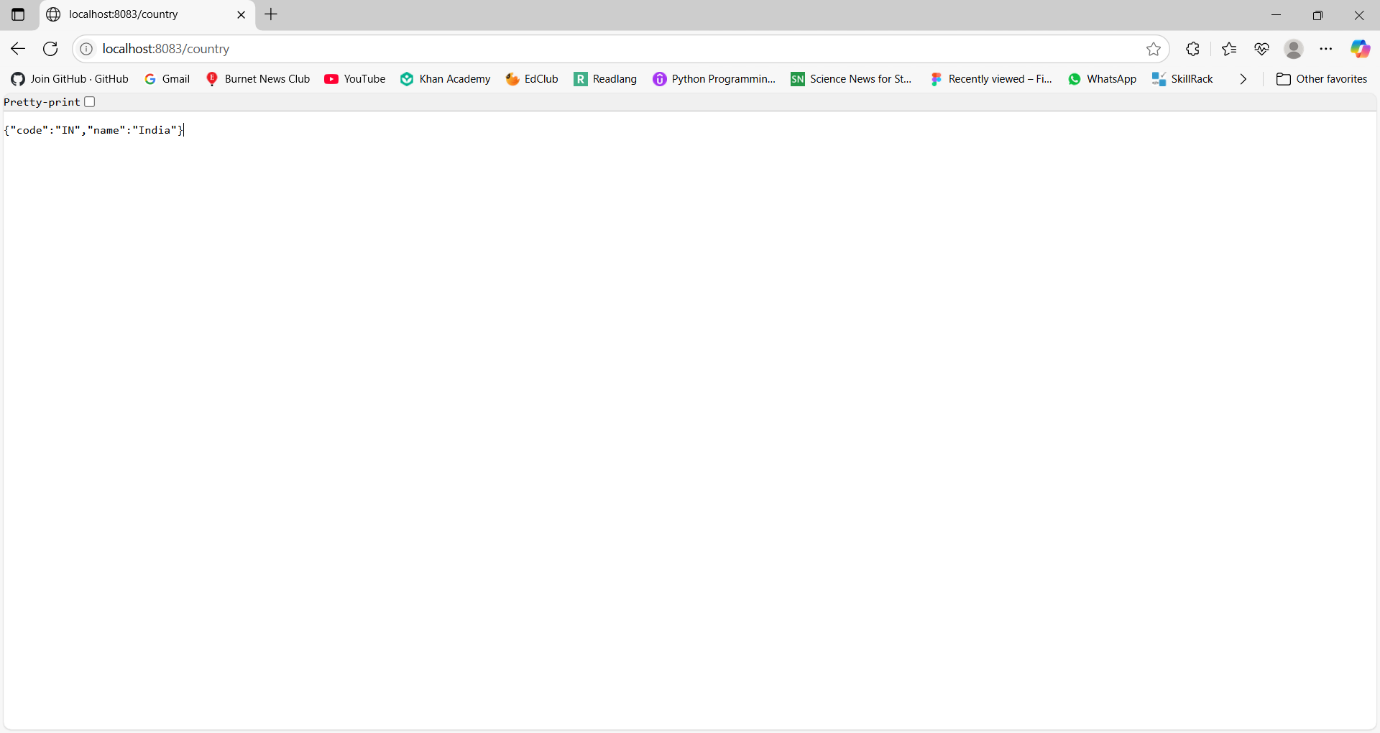
***LOGGER***.info("END: getCountryIndia()");

**return** country;

}

}

**Output:**



Exercise – 5

**Code:**

CountryController.java

package com.cognizant.spring\_learn.controller;

import com.cognizant.spring\_learn.Country;

import java.util.List;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

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

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

@RestController

public class CountryController {

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

@RequestMapping(value = "/country", method = RequestMethod.*GET*)

public Country getCountryIndia() {

*LOGGER*.info("START: getCountryIndia()");

ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");

Country country = context.getBean("country", Country.class);

*LOGGER*.info("END: getCountryIndia()");

return country;

}

@GetMapping("/countries")

public List<Country> getAllCountries() {

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

ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");

List<Country> countries = context.getBean("countryList", List.class);

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

return countries;

}

}

**Output:**

