**REST - Country Web Service**

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class SpringLearnApplication {

    public static void main(String[] args) {

        SpringApplication.run(SpringLearnApplication.class, args);

    }

}

**Country.java**

package com.cognizant.spring\_learn.model;

public class Country {

    private String code;

    private String name;

    // Getters and Setters

    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.spring\_learn.controller;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import org.springframework.web.bind.annotation.RequestMapping;

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

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

@RestController

public class CountryController {

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

    @RequestMapping("/country")

    public Country getCountryIndia() {

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

        // XmlBeanFactory factory = new XmlBeanFactory(new ClassPathResource("spring-config.xml"));

        ClassPathXmlApplicationContext context = new ClassPathXmlApplicationContext("spring-config.xml");

        Country country = (Country) context.getBean("in");

        context.close();

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

        return country;

    }

}

**country.xml**

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

    xsi:schemaLocation="http://www.springframework.org/schema/beans

        http://www.springframework.org/schema/beans/spring-beans.xsd">

    <bean id="in" class="com.cognizant.spring\_learn.Country">

        <property name="code" value="IN" />

        <property name="name" value="India" />

    </bean>

    <bean id="us" class="com.cognizant.spring\_learn.Country">

        <property name="code" value="US" />

        <property name="name" value="United States" />

    </bean>

    <bean id="de" class="com.cognizant.spring\_learn.Country">

        <property name="code" value="DE" />

        <property name="name" value="Germany" />

    </bean>

    <bean id="jp" class="com.cognizant.spring\_learn.Country">

        <property name="code" value="JP" />

        <property name="name" value="Japan" />

    </bean>

    <bean id="countryList" class="java.util.ArrayList">

        <constructor-arg>

            <list>

                <ref bean="in" />

                <ref bean="us" />

                <ref bean="de" />

                <ref bean="jp" />

            </list>

        </constructor-arg>

    </bean>

</beans>

**spring-config.xml:**

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

       xmlns:context="http://www.springframework.org/schema/context"

       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

       xsi:schemaLocation="

         http://www.springframework.org/schema/beans

         http://www.springframework.org/schema/beans/spring-beans.xsd">

    <bean id="in" class="com.cognizant.spring\_learn.model.Country">

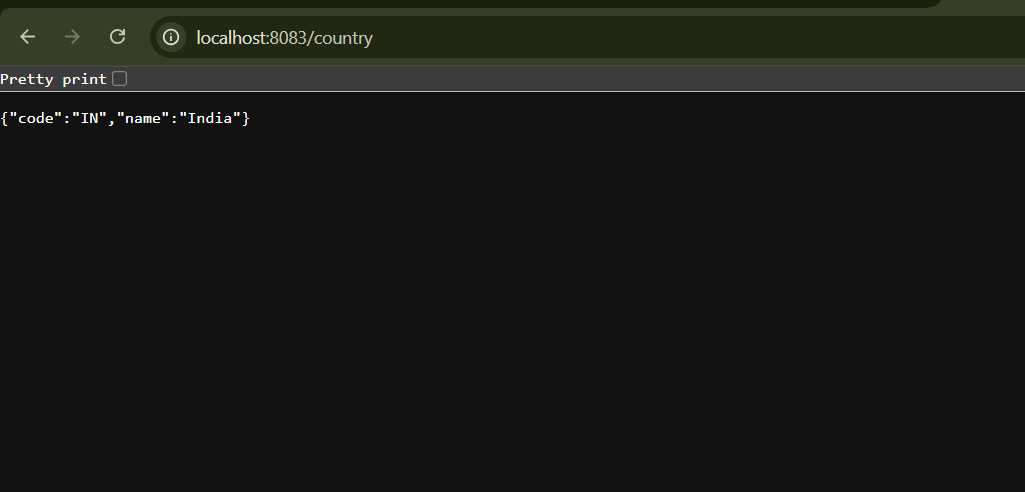
        <property name="code" value="IN"/>

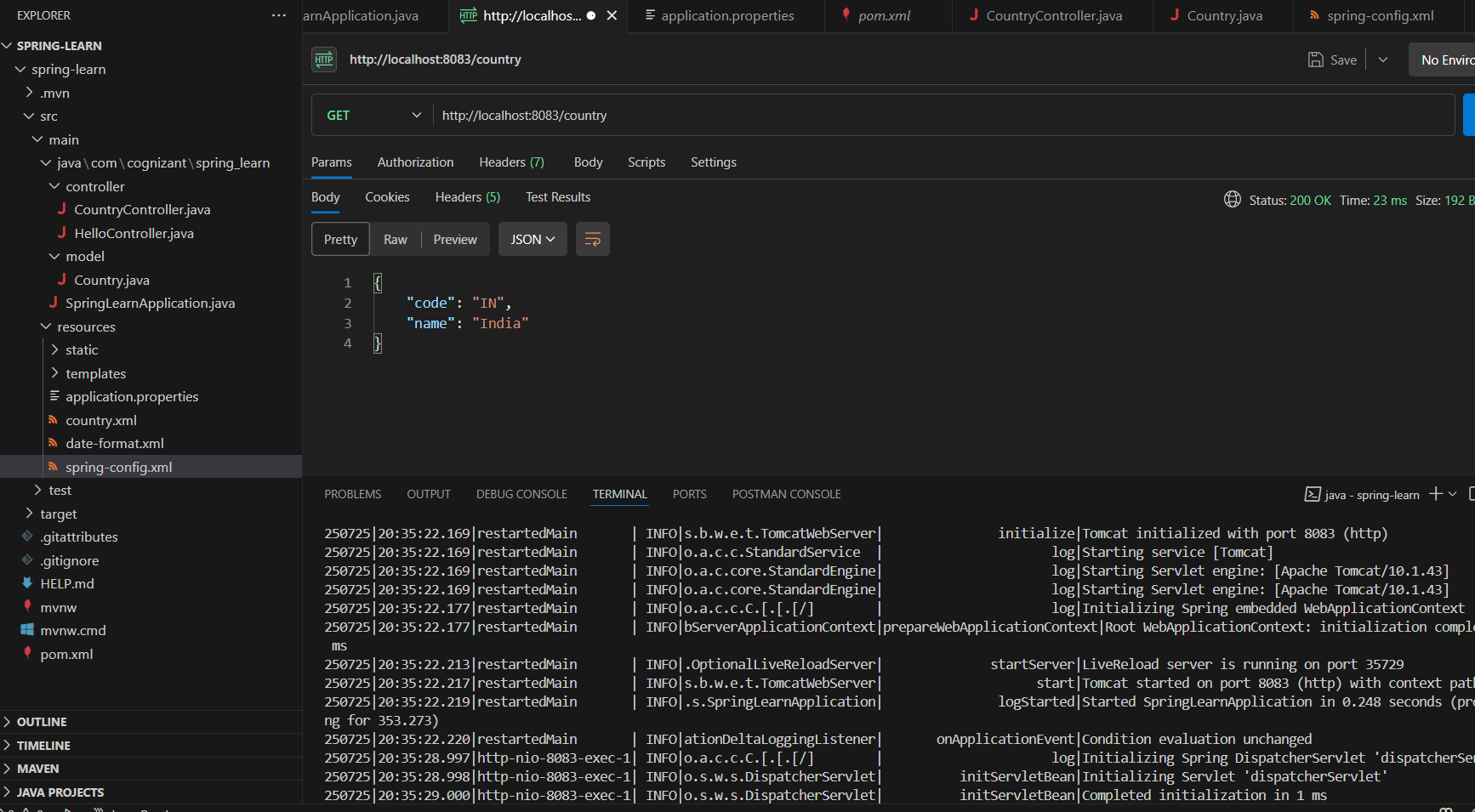
        <property name="name" value="India"/>

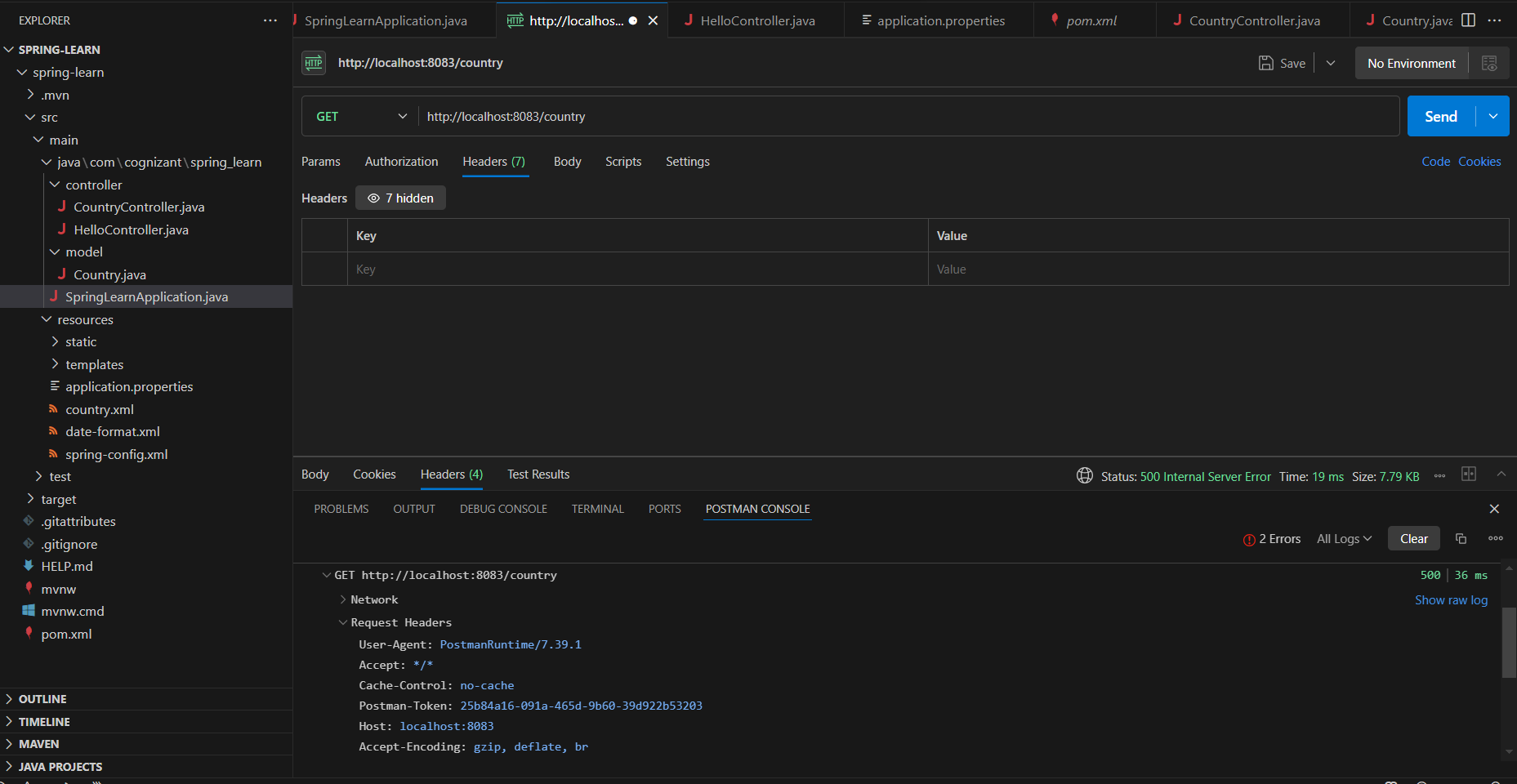
    </bean>

</beans>

**Output:**

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