**CODE**

**src/main/java/com.cognizant.country\_xml**

package com.cognizant.country\_xml;

import com.cognizant.country\_xml.Model.Country;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.annotation.ImportResource;

@SpringBootApplication

@ImportResource("applicationContext.xml")

*//automatically becomes beans;*

*// now can be simply autowired*

public class CountryXmlApplication {

public static void main(String[] args) {

*// Run Spring Boot (not needed for XML-only example, but harmless)*

SpringApplication.*run*(CountryXmlApplication.class, args);

}

}

**src/main/java/com.cognizant.country\_xml.Model**

package com.cognizant.country\_xml.Model;

public class Country {

String name, code;

Country()

{

System.*out*.println("Inside the constructor Wohoo!");

}

public void setName(String name)

{

this.name = name;

System.*out*.println("Inside the setName Wohoo!");

}

public void setCode(String code)

{

this.code = code;

System.*out*.println("Inside the setCode Wohoo!");

}

public String getName() {

return name;

}

public String getCode() {

return code;

}

@Override

public String toString()

{

return "Country : code = " +code+ ", name = " +name;

}

}

**src/main/java/com.cognizant.country\_xml.Model**

package com.cognizant.country\_xml.Model;

import java.util.Map;

public class CountryMap

*//bean mentioned in xml*

*//ImportResource se call hojata hai - xml*

*//Then this bean named hashmap is created;*

*// then injected by spring(SpringBoot uses @ImportResource*

*// to service using @Autowired*

{

private Map<String, Country> countries;

*//property mentioned in xml*

public void setCountries(Map<String, Country> countries)

*//property mentioned in cml*

{

this.countries = countries;

}

*/\*public Map<String, Country> getCountries() {*

*return countries;*

*}\*/ //no use now*

public Country getCountry(String code)

{

return countries.get(code);

}

}

**src/main/java/com.cognizant.country\_xml.Service**

package com.cognizant.country\_xml.Service;

import com.cognizant.country\_xml.Model.Country;

import com.cognizant.country\_xml.Model.CountryMap;

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

public class CountryService

{

CountryMap countryMap;

@Autowired

public CountryService(CountryMap countryMap) {

this.countryMap = countryMap;

}

public Country getCountrybyId(String code)

{

return countryMap.getCountry(code);

}

}

**src/main/java/com.cognizant.country\_xml.Controller**

package com.cognizant.country\_xml.Controller;

import com.cognizant.country\_xml.Model.Country;

import com.cognizant.country\_xml.Service.CountryService;

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

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

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

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

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

@RestController

public class CountryController

{

CountryService countryService;

@Autowired

public CountryController(CountryService countryService) {

this.countryService = countryService;

}

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

public Country getIndia(@PathVariable String code)

{

return countryService.getCountrybyId(code);

}

}

**src/main/resources/applicationContext.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 = "countryService" class="com.cognizant.country\_xml.Service.CountryService">

</bean>

<bean id="countryMap" class="com.cognizant.country\_xml.Model.CountryMap">

<property name="countries">

<map>

<entry key="IN">

<bean class="com.cognizant.country\_xml.Model.Country">

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

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

</bean>

</entry>

<entry key="JP">

<bean class="com.cognizant.country\_xml.Model.Country">

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

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

</bean>

</entry>

<entry key="US">

<bean class="com.cognizant.country\_xml.Model.Country">

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

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

</bean>

</entry>

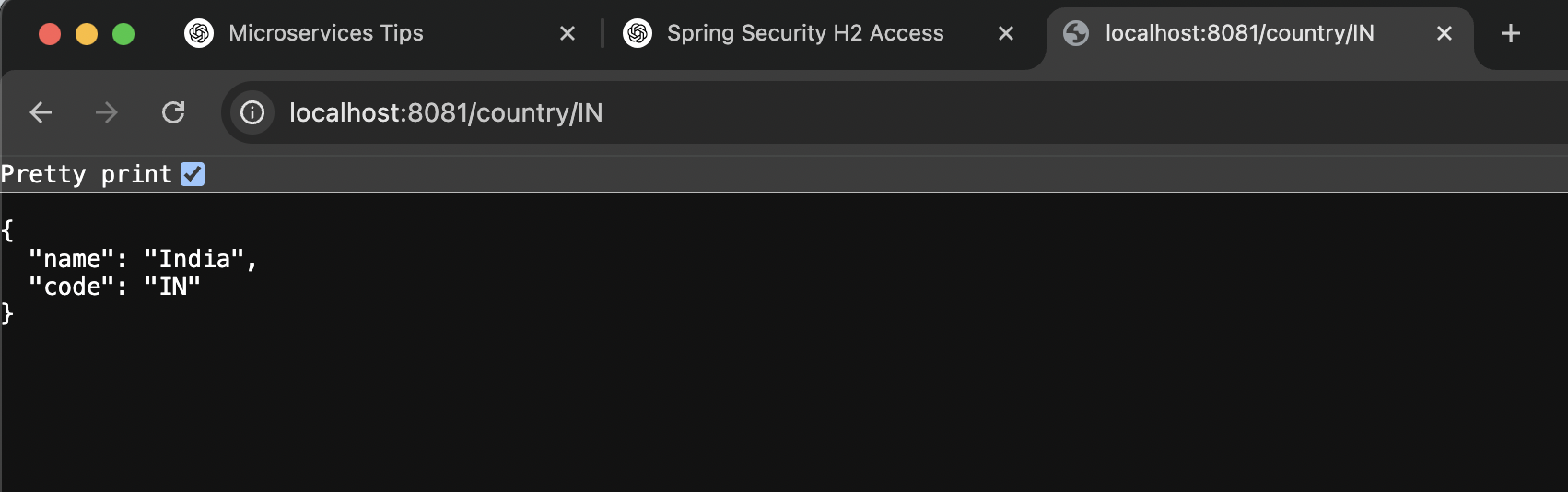
</map>

</property>

</bean>

</beans>

**OUTPUT**

****