REST - Country Web Service From File 2. spring-rest-handson:

Classes From The Project

Country.java from package package com. cognizant. spring_learn. model:

Code:

```java
package com.cognizant.spring_learn.model;

public class Country {

    private String code;

    private String name;

    public Country() {}

    public Country(String code, String name) {

        this.code = code;

        this.name = name;

    }

    public String getCode() {

        return code;

    }

    public void setCode(String code) {

        this.code = code;

    }

    public String getName() {

        return name;

    }

}
```
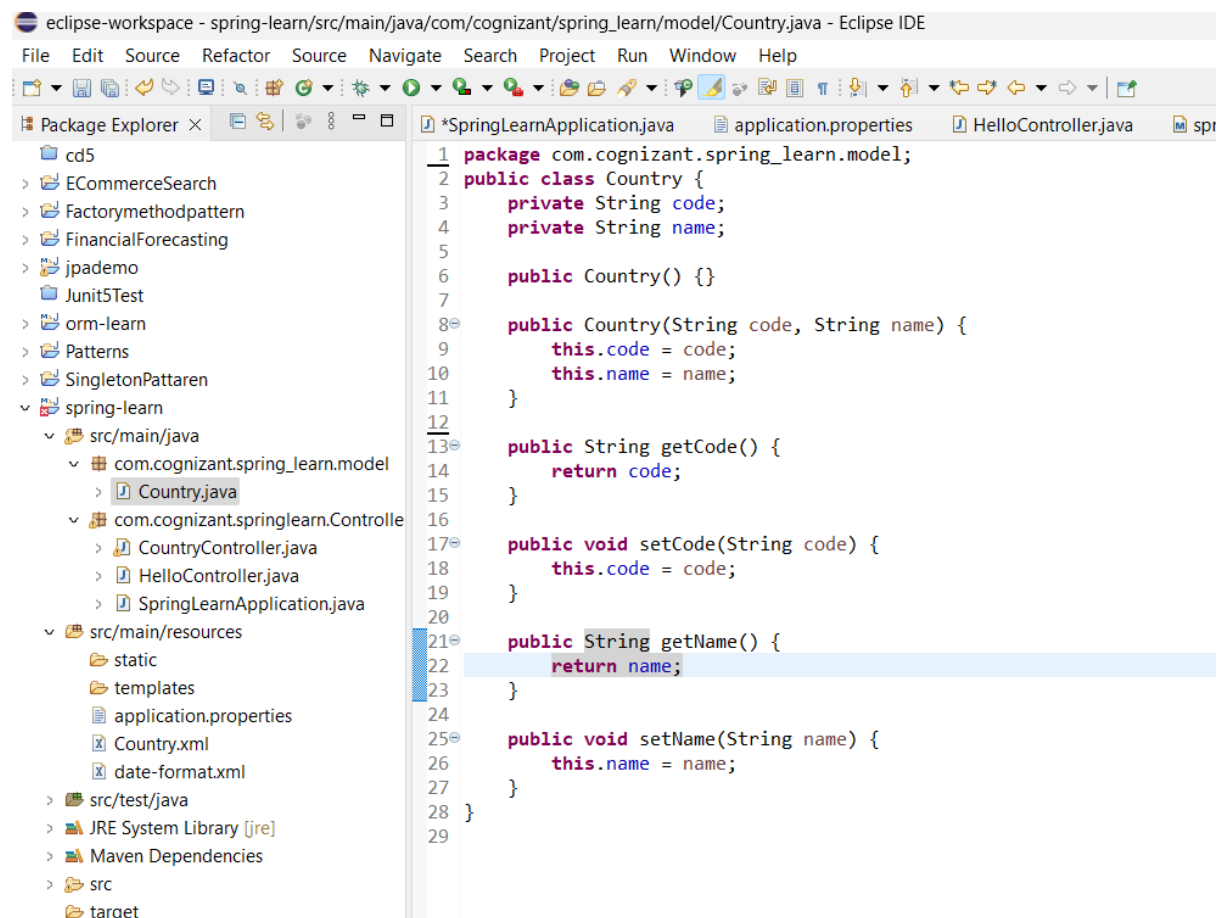
```java
    public void setName(String name) {

        this.name = name;

    }

}
```

Pic from Eclipse IDE:


```
eclipse-workspace - spring-learn/src/main/java/com/cognizant/spring_learn/model/Country.java - Eclipse IDE

File   Edit   Source   Refactor   Source   Navigate   Search   Project   Run   Window   Help

Package Explorer ×                              *SpringLearnApplication.java    application.properties    HelloController.java    spr
  cd5                                        1  package com.cognizant.spring_learn.model;
  ECommerceSearch                            2  public class Country {
  Factorymethodpattern                       3      private String code;
  FinancialForecasting                       4      private String name;
  jpademo                                    5
  Junit5Test                                 6      public Country() {}
  orm-learn                                  7
  Patterns                                   8⊖     public Country(String code, String name) {
  SingletonPattaren                          9          this.code = code;
  spring-learn                              10          this.name = name;
    src/main/java                           11      }
      com.cognizant.spring_learn.model      12
        Country.java                        13⊖     public String getCode() {
      com.cognizant.springlearn.Controlle   14          return code;
        CountryController.java              15      }
        HelloController.java                16
        SpringLearnApplication.java         17⊖     public void setCode(String code) {
    src/main/resources                      18          this.code = code;
      static                                19      }
      templates                             20
      application.properties                21⊖     public String getName() {
      Country.xml                           22          return name;
      date-format.xml                       23      }
    src/test/java                           24
    JRE System Library [jre]                25⊖     public void setName(String name) {
    Maven Dependencies                      26          this.name = name;
    src                                     27      }
    target                                  28  }
                                            29
```

CountryController.java from package com.Cognizant.spring.Controller :

package com.cognizant.springlearn.Controller;

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

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

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import com.cognizant.spring_learn.model.Country;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

@RestController

public class CountryController {

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

    @RequestMapping("/country")

    public Country getCountryIndia() {

        LOGGER.info("START getCountryIndia");

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

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

        LOGGER.info("END getCountryIndia");

        return in;

    }

}
```

Pic from Eclipse Ide:
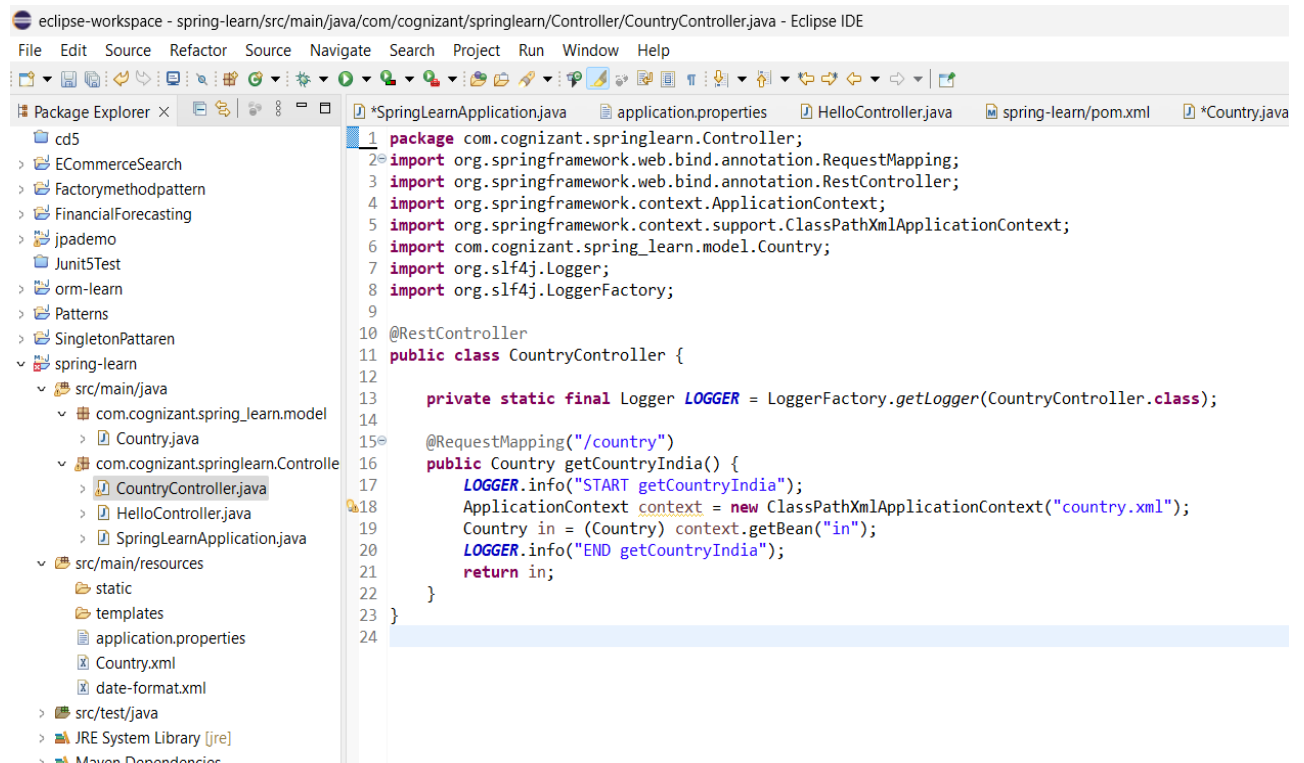
Country.xml file:

Code:

```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.model.Country">

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

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

```
        </bean>

</beans>
```

Pic From Eclipse Ide:
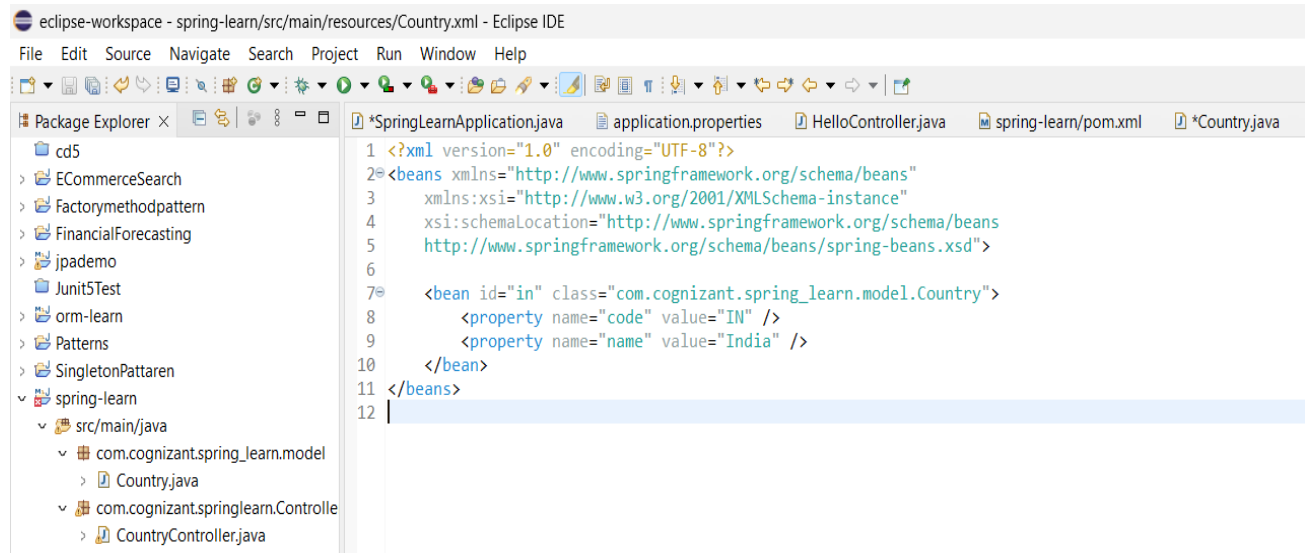
After Running the application:

Eclipse ide Output:

Output From Postman:

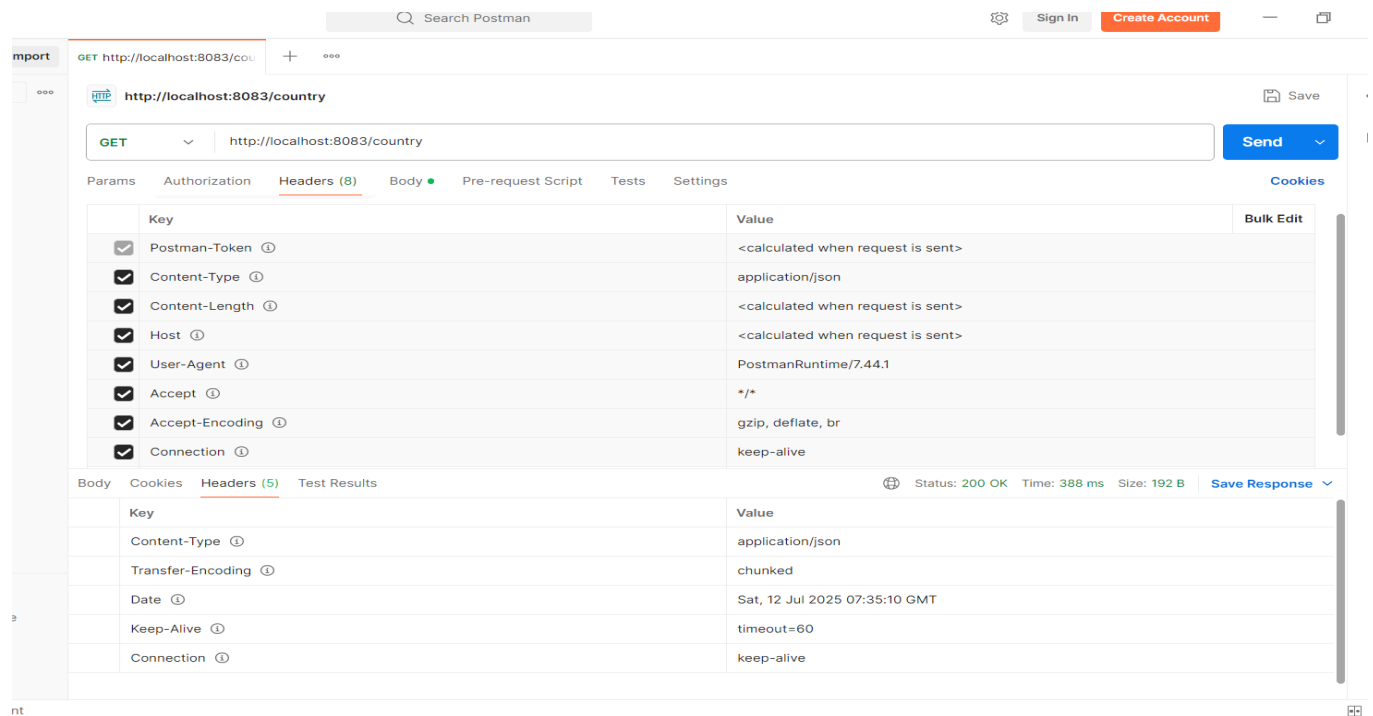"code": "IN",

  "name": "India"
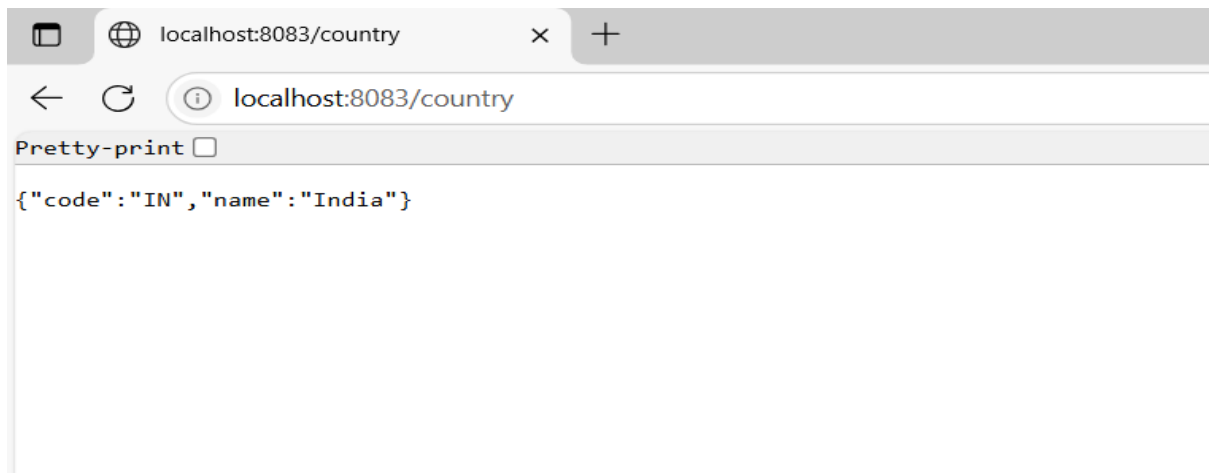
Pic from Postman :
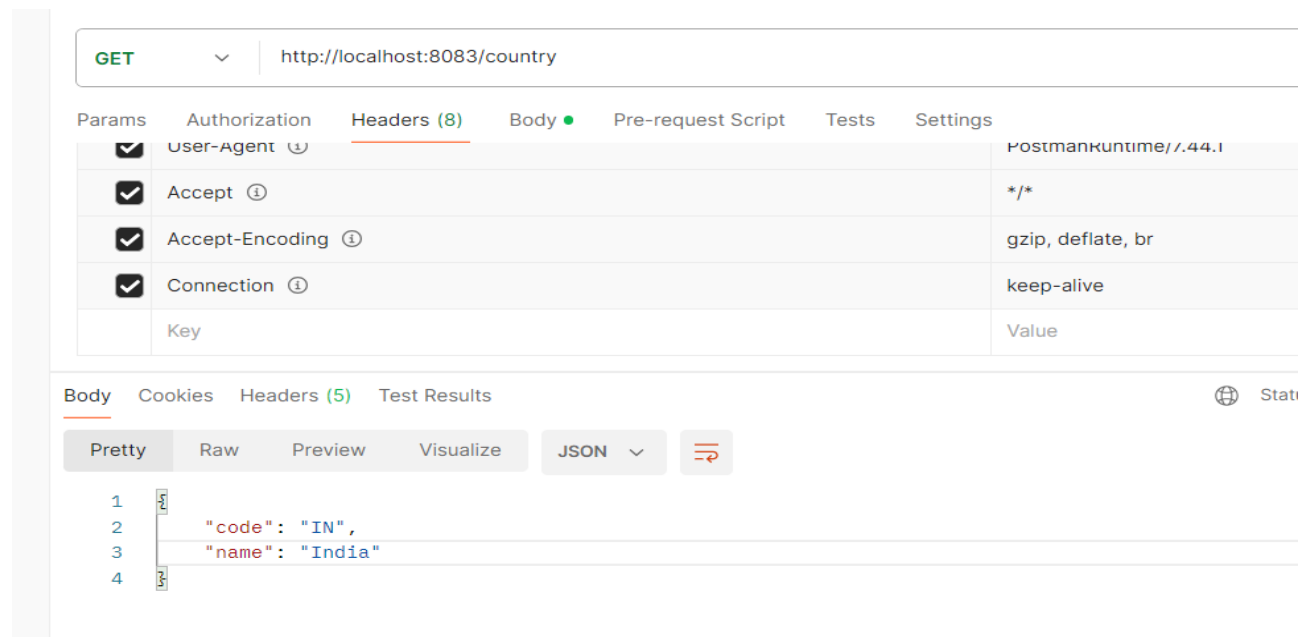
Headers From Postman:

Output From Browser:

{"code":"IN","name":"India"}

Headers From Browser: