CountryController.java

```
src > main > java > com > example > spring_rest_handson > controller > J CountryController.java > ...
  1     package com.example.spring_rest_handson.controller;
  2
  3     import com.example.spring_rest_handson.model.Country;
  4     import org.springframework.web.bind.annotation.GetMapping;
  5     import org.springframework.web.bind.annotation.RestController;
  6     import org.springframework.context.ApplicationContext;
  7     import org.springframework.context.support.ClassPathXmlApplicationContext;
  8
  9     @RestController
 10     public class CountryController {
 11
 12         @GetMapping("/country")
 13         public Country getCountry() {
 14             ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");
 15             return (Country) context.getBean("country");
 16         }
 17     }
 18
```

Country.java

```
src > main > java > com > example > spring_rest_handson > model > J Country.java > ⌘ Country > ⬡ setCode(String)
  1     package com.example.spring_rest_handson.model;
  2
  3     public class Country {
  4         private String code;
  5         private String name;
  6
  7         public String getCode() {
  8             return code;
  9         }
 10
 11         public void setCode(String code) {
 12             this.code = code;
 13         }
 14
 15         public String getName() {
 16             return name;
 17         }
 18
 19         public void setName(String name) {
 20             this.name = name;
 21         }
 22
 23         @Override
 24         public String toString() {
 25             return "Country [code=" + code + ", name=" + name + "]";
 26         }
 27     }
 28
```

Country.xml

```
src > main > resources > ≈ country.xml
   1    <?xml version="1.0" encoding="UTF-8"?>
   2    <beans xmlns="http://www.springframework.org/schema/beans"
   3           xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   4           xsi:schemaLocation="http://www.springframework.org/schema/beans
   5               http://www.springframework.org/schema/beans/spring-beans.xsd">
   6
   7        <bean id="country" class="com.example.spring_rest_handson.model.Country">
   8            <property name="code" value="IN"/>
   9            <property name="name" value="India"/>
  10        </bean>
  11
  12    </beans>
  13
```
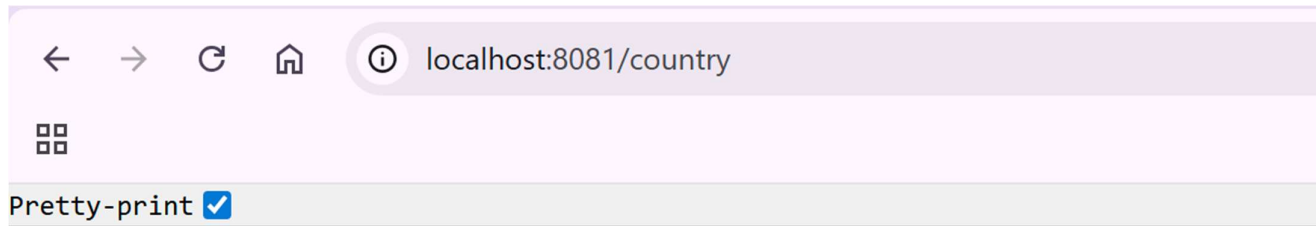
SpringRestHandsonApllication.java

```
src > main > java > com > example > spring_rest_handson > J SpringRestHandsonApplication.java > ...
   2
   3    import com.example.spring_rest_handson.model.Country;
   4    import org.springframework.context.ApplicationContext;
   5    import org.springframework.context.support.ClassPathXmlApplicationContext;
   6    import org.springframework.boot.SpringApplication;
   7    import org.springframework.boot.autoconfigure.SpringBootApplication;
   8
   9    @SpringBootApplication
  10    public class SpringRestHandsonApplication {
  11
       Run | Debug
  12        public static void main(String[] args) {
  13            SpringApplication.run(SpringRestHandsonApplication.class, args);
  14
  15            ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");
  16            Country country = (Country) context.getBean("country");
  17            System.out.println(country);
  18        }
  19
  20    }
  21
```

Output

localhost:8081/country

Pretty-print ✅

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

```
 started on port 8081 (http) with context path '/'
2025-07-13T10:54:20.731+05:30  INFO 22044 --- [spring-rest-handson] [           main] c.e.s.SpringRestHandsonApplication
    : Started SpringRestHandsonApplication in 2.03 seconds (process running for 2.392)
Country [code=IN, name=India]
2025-07-13T10:54:37.448+05:30  INFO 22044 --- [spring-rest-handson] [nio-8081-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]
    : Initializing Spring DispatcherServlet 'dispatcherServlet'
2025-07-13T10:54:37.450+05:30  INFO 22044 --- [spring-rest-handson] [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet
    : Initializing Servlet 'dispatcherServlet'
2025-07-13T10:54:37.453+05:30  INFO 22044 --- [spring-rest-handson] [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet
    : Completed initialization in 2 ms
 started on port 8081 (http) with context path '/'
2025-07-13T10:54:20.731+05:30  INFO 22044 --- [spring-rest-handson] [           main] c.e.s.SpringRestHandsonApplication
    : Started SpringRestHandsonApplication in 2.03 seconds (process running for 2.392)
Country [code=IN, name=India]
2025-07-13T10:54:37.448+05:30  INFO 22044 --- [spring-rest-handson] [nio-8081-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/]
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cherServlet        : Initializing Servlet 'dispatcherServlet'
2025-07-13T10:54:37.453+05:30  INFO 22044 --- [spring-rest-handson] [nio-8081-exec-1] o.s.web.servlet.DispatcherServlet
    : Completed initialization in 2 ms
```