### **SME Explanation**

## 1. What happens in the controller method?

- @RequestMapping("/country") maps GET requests to /country URL.
- Inside getCountryIndia(), Spring loads the XML config (country.xml) using ClassPathXmlApplicationContext.
- Retrieves the bean with id "in" and returns it as a Country object.

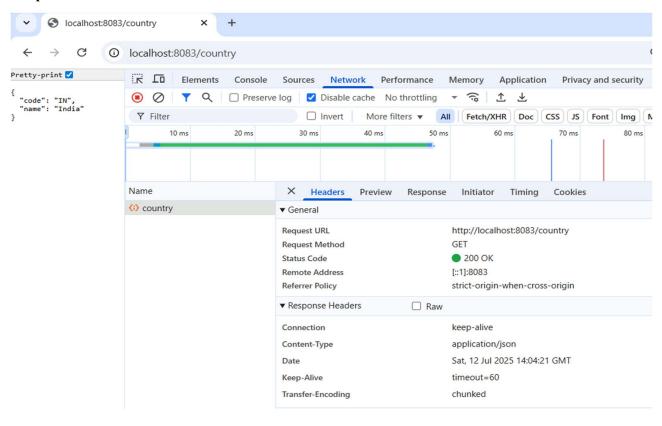
# 2. How is the bean converted to JSON?

- The method returns a Java object (Country)
- Spring Boot auto-configures Jackson (a JSON library) to convert Java objects to JSON
- Because we use @RestController, the return value is automatically serialized to JSON and sent in the response

#### In Chrome:

- Open Google Chrome
- Go to URL: http://localhost:8083/country
- Go to Inspect and then click Network tab in DevTools
- Refresh the page
- We'll see a request named hello
- Click on the hello row
- Select the Headers tab

### **Output:**



### In Postman:

- Open Postman
- Set Method to GET
- Enter URL: http://localhost:8083/country
- Click Send
- We'll get the response: Hello World!!

# **Output:**

