What happens in the controller method?

When a request is made to /country, Spring locates the controller method mapped to this path.
It executes the getCountryIndia() method in CountryController:

- A Spring ApplicationContext is created, which reads the country.xml file.
- From the XML, the country bean is loaded, which is a Country object with code=IN and name=India.
- The method logs the start and end of execution, and returns the Country object.

How is the bean converted into JSON response?

When the Country object is returned from the controller:

- Spring Boot internally uses the Jackson library to handle serialization.
- Jackson converts the Country Java object into JSON format automatically.
- The response sent back to the client is:

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

Network tab of developer tools showing HTTP header details

In the browser's developer tools ,after making a request to http://localhost:8083/country:

- The HTTP response headers are displayed, including:

  Content-Type: application/json
  Content-Length: XYZ
  Date: [timestamp]

- This confirms that the server responded with JSON content.