Cognizant Digital Nurture 4.0 – Java FSE

Week 4 – Hands-On Report

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Track: Deep Skilling – Java Full Stack Engineer

Batch: 2025

Get Country Based On Country Code:

Country.java:

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

import javax.xml.bind.annotation.XmlRootElement;

@XmlRootElement(name = "country")
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.toUpperCase(); // Following convention
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }
}
```

Countrylist:

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

```java
import javax.xml.bind.annotation.XmlElement;
import javax.xml.bind.annotation.XmlRootElement;
import java.util.List;

@XmlRootElement(name = "countries")
public class CountryList {

    private List<Country> countries;

    @XmlElement(name = "country")
    public List<Country> getCountries() {
        return countries;
    }

    public void setCountries(List<Country> countries) {
        this.countries = countries;
    }
}
```

Port change due to busy port:

`server.port=8083`

OUTPUT:

Pretty print ✅

```
{
  "code": "DE",
  "name": "Germany"
}
```

Pretty print ✅

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