REST - Get country based on country code

Code:

CountryApiApplication.java:

```java
package com.example.countryapi;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

public class CountryApiApplication {

    public static void main(String[] args) {

        SpringApplication.run(CountryApiApplication.class, args);

    }

}
```

CountryController.java:

```java
package com.example.countryapi;


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

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

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

import java.util.Map;

@RestController

public class CountryController {

    private static final Map<String, String> countryMap = Map.of(

        "IN", "India",

        "US", "United States",

        "UK", "United Kingdom",

        "CA", "Canada",

        "AU", "Australia"

    );

    @GetMapping("/country/{code}")

    public String getCountryByCode(@PathVariable("code") String code) {

        String country = countryMap.get(code.toUpperCase());

        if (country != null) {
```

```java
            return "Country: " + country;

        } else {

            return "Country not found for code: " + code;

        }

    }

}
```

application.properties:

```
server.port=8080
```

pom.xml:

```xml
<project xmlns="http://maven.apache.org/POM/4.0.0"

        xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

        xsi:schemaLocation="http://maven.apache.org/POM/4.0.0

                http://maven.apache.org/xsd/maven-4.0.0.xsd">

  <modelVersion>4.0.0</modelVersion>

  <groupId>com.example</groupId>

  <artifactId>countryapi</artifactId>

  <version>1.0.0</version>

  <packaging>jar</packaging>


  <properties>

    <java.version>17</java.version>

    <spring-boot.version>3.3.0</spring-boot.version>

  </properties>


  <dependencies>

    <dependency>

      <groupId>org.springframework.boot</groupId>

      <artifactId>spring-boot-starter-web</artifactId>

      <version>${spring-boot.version}</version>

    </dependency>

  </dependencies>
```

```xml
    <build>

      <plugins>

        <plugin>

          <groupId>org.springframework.boot</groupId>

          <artifactId>spring-boot-maven-plugin</artifactId>

          <version>${spring-boot.version}</version>

        </plugin>

      </plugins>

    </build>

</project>
```

Output:

Country: United States