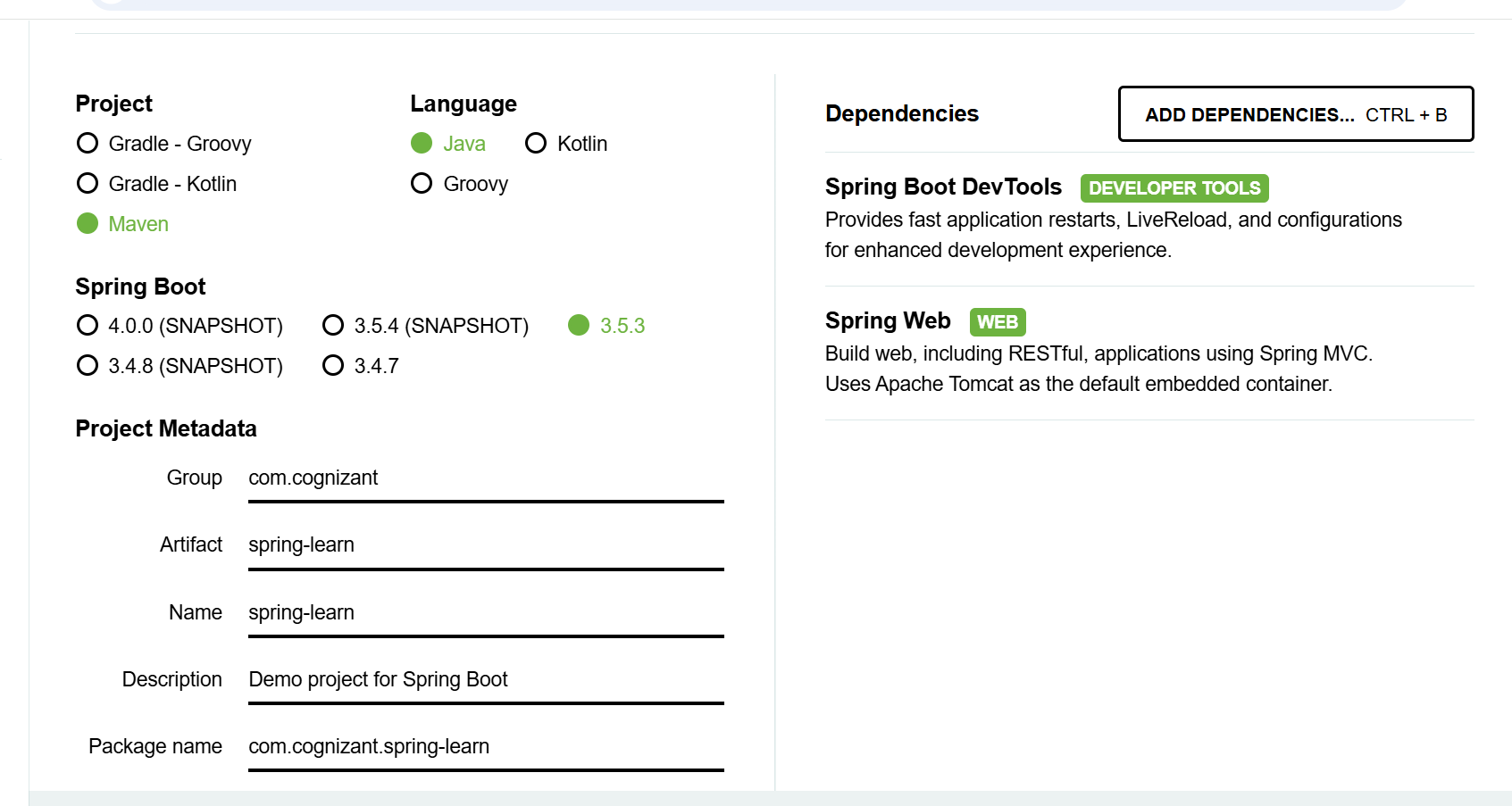
**Name:- Dharan Gowda Superset id:-6387532**

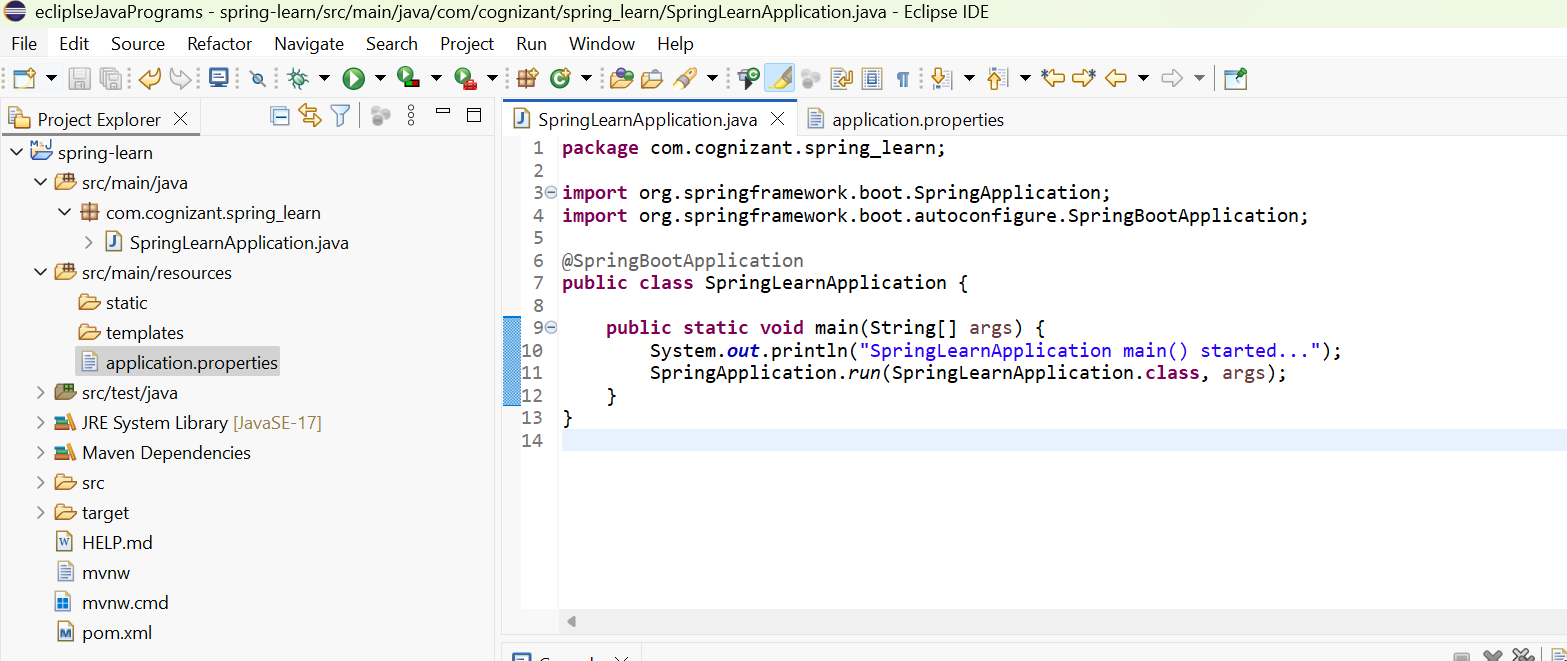
**I. spring-rest-handson-1**

1. **Create a Spring Web Project using Maven**

**Step 1:-createing and setting up the project with all required dependencies**

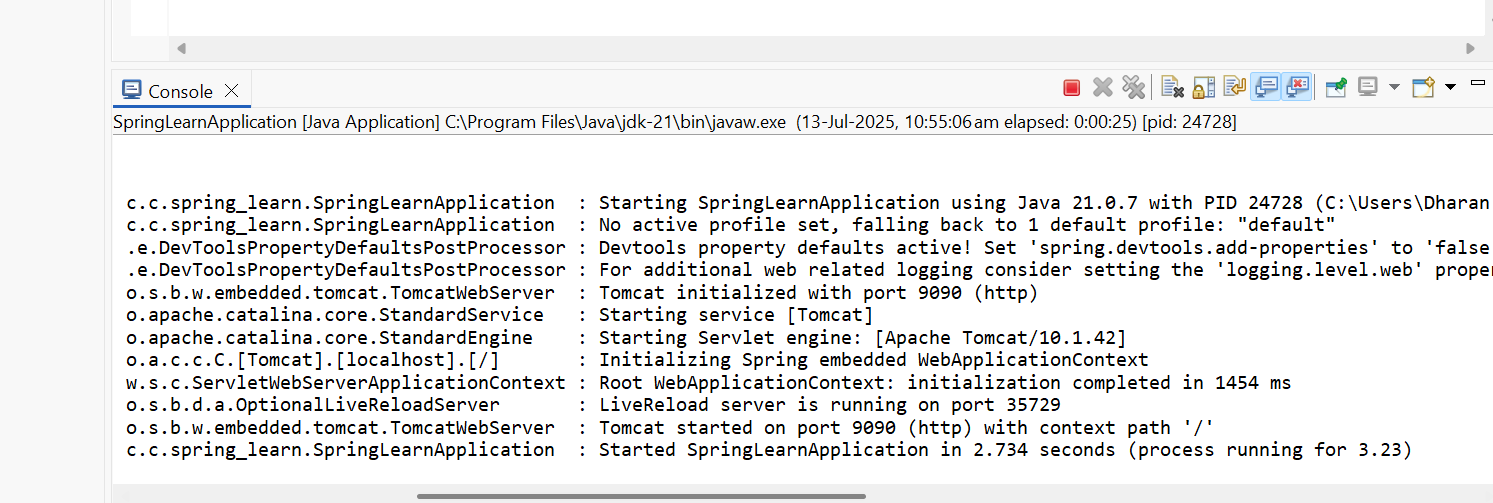
****

**Step 2 :- filling the up the main function code**

****

**Step 3:- Run the Application:**

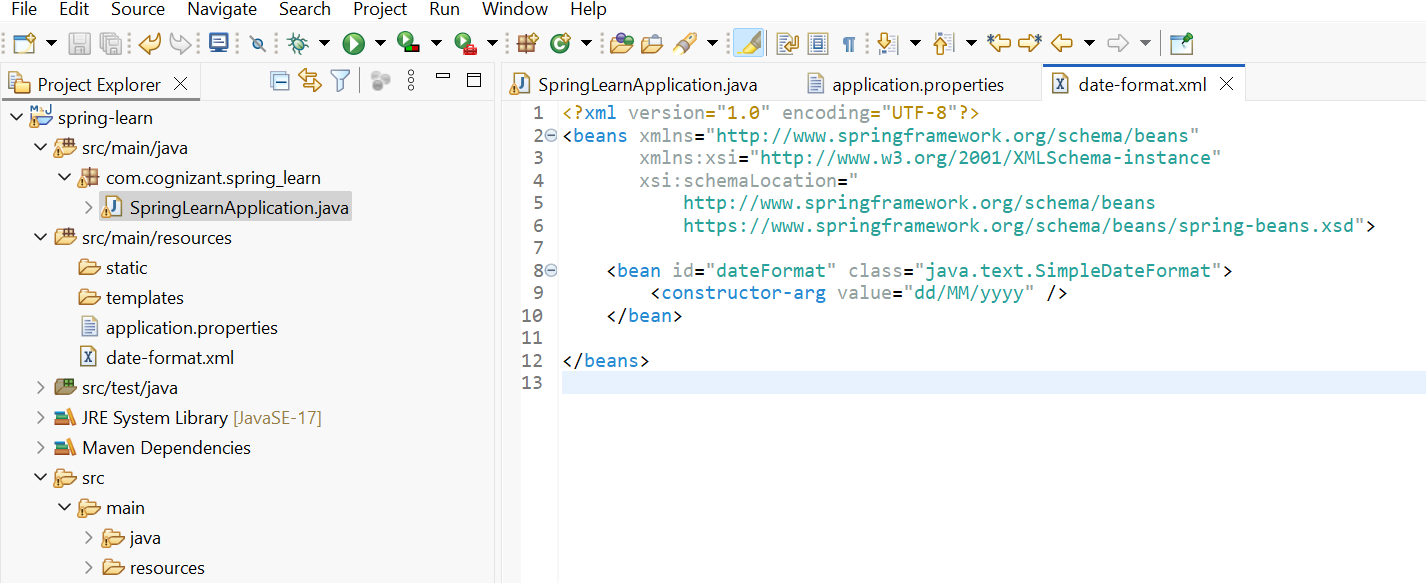
**Output :-**



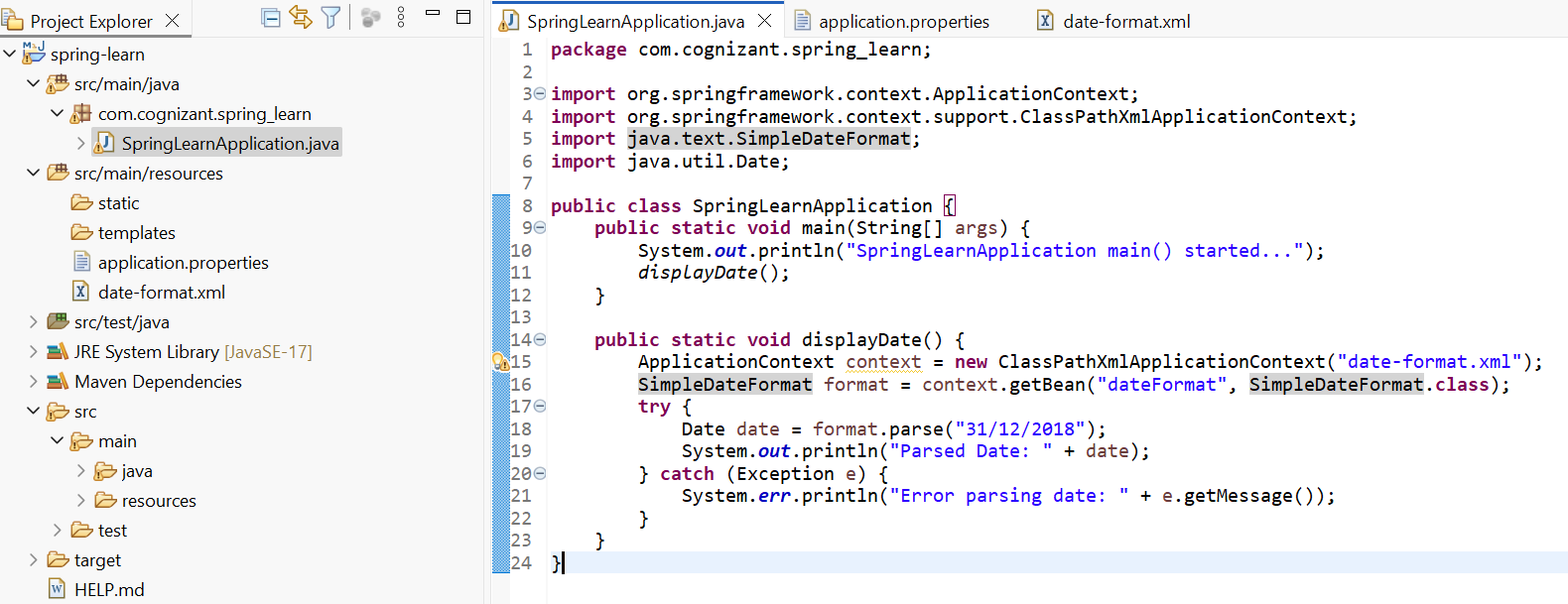
**Hands on 2**

**Spring Core – Load SimpleDateFormat from Spring Configuration XML**

1. **Create the XML Configuration File**

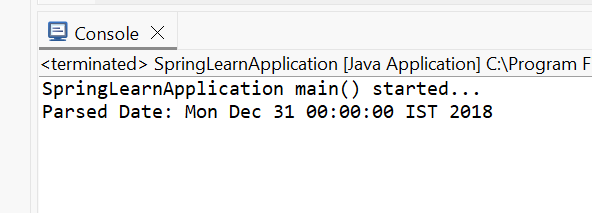


1. **Modify SpringLearnApplication.java**

****

**Step 3:- Run the Application:**

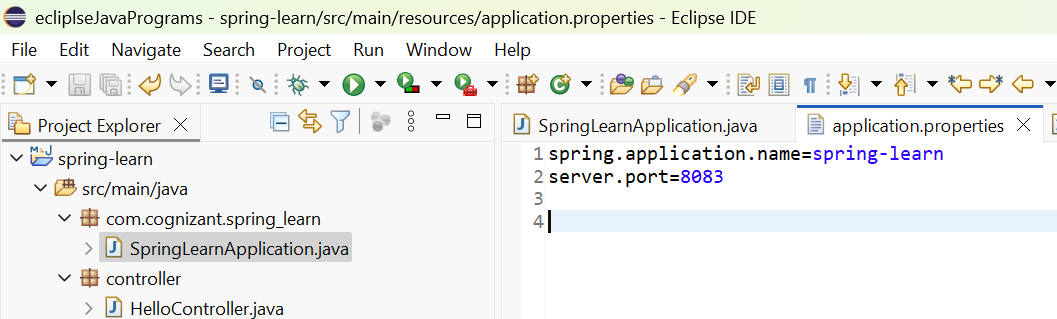
**Output :-**

****

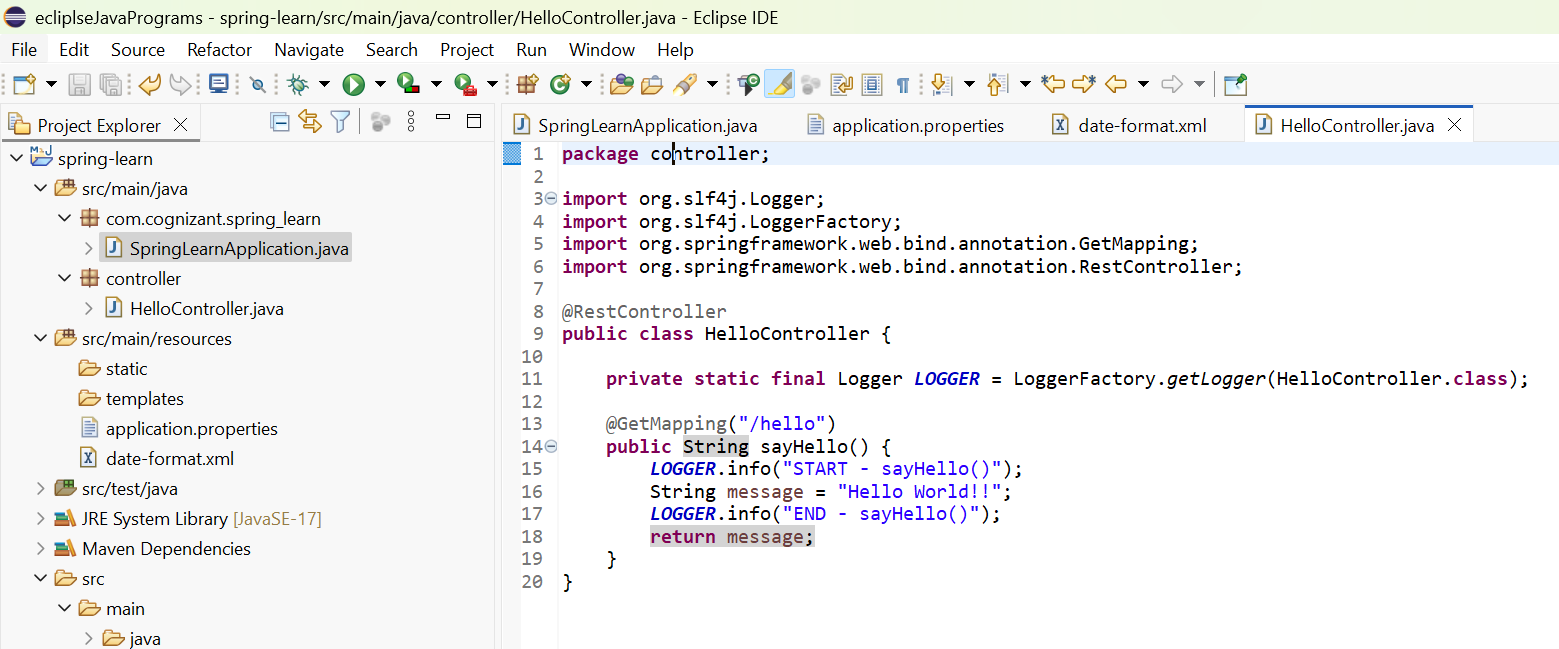
**II. spring-rest-handson-2**

1. **Hello World RESTful Web Service**

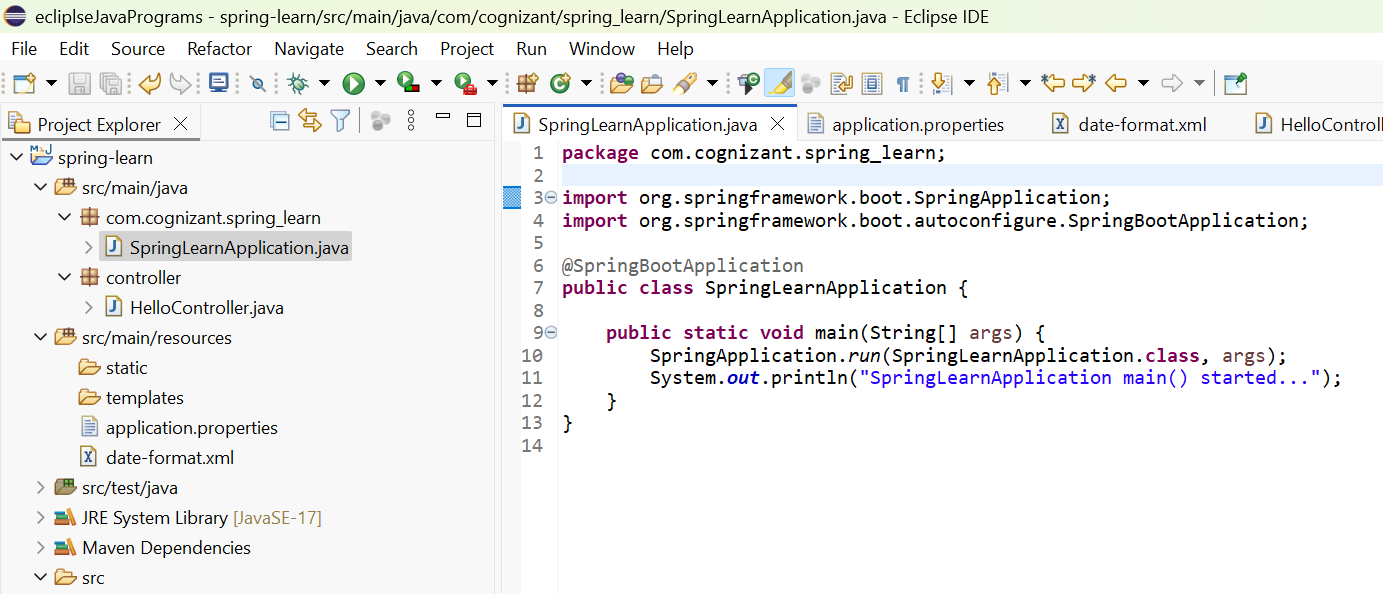
**Step 1:-** **Set Server Port in application.properties**

****

**Step 2:-** **Create the Controller Class**

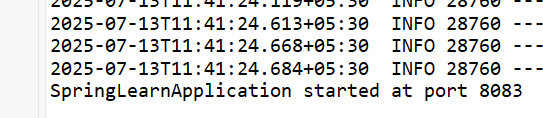
****

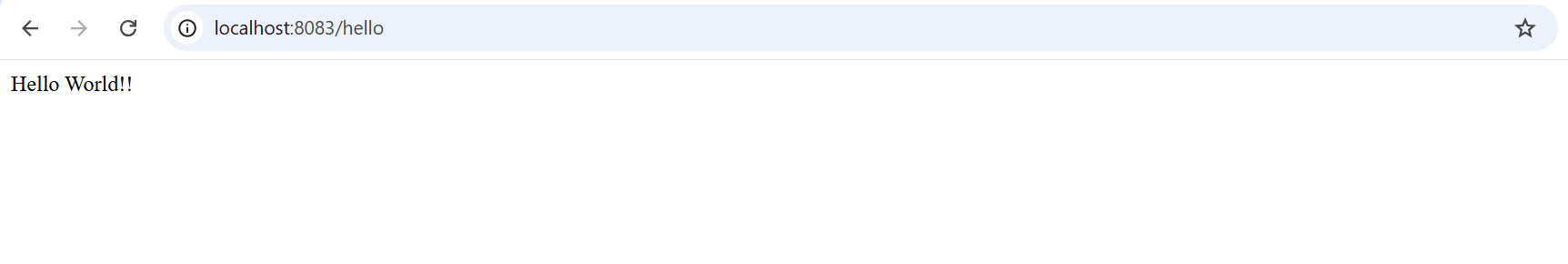
**Step 3:- Verify Main Class Has Component Scan**

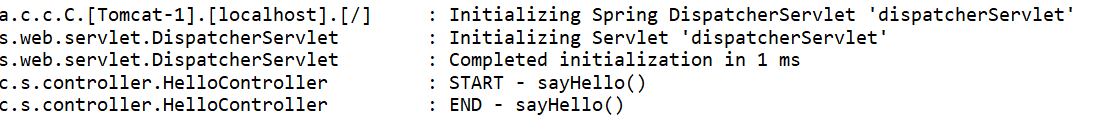
****

**Step 4:- Run the Application**

**Output:-**

****

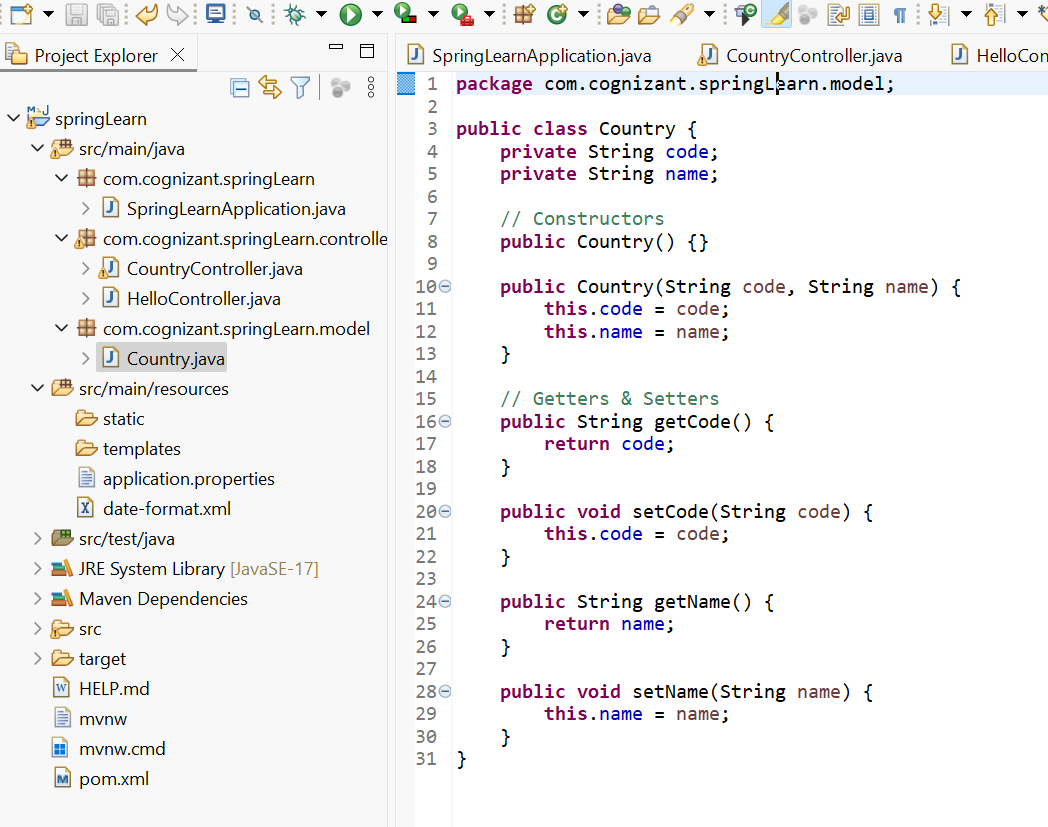
****

****

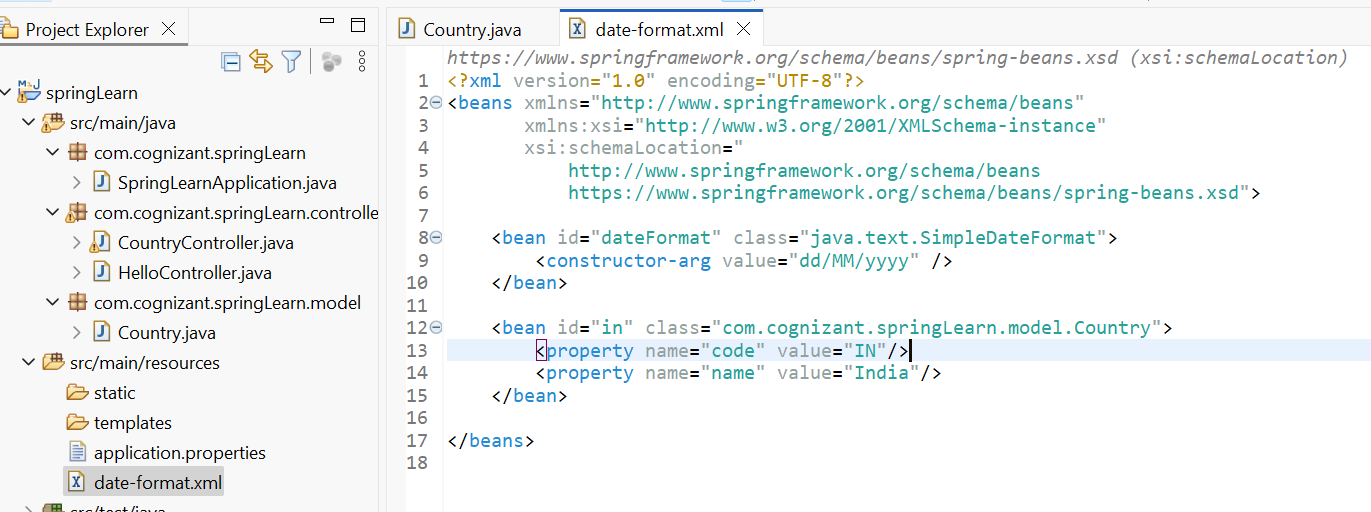
**REST - Country Web Service**

2) Write a REST service that returns India country details in the earlier created spring learn application

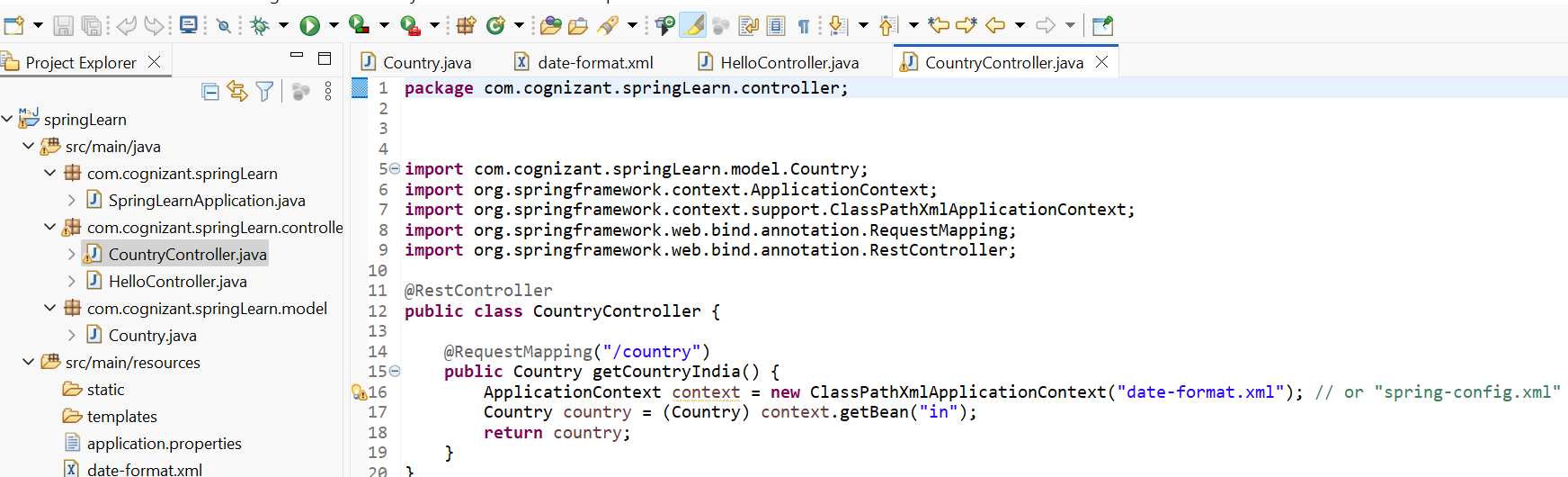
1. **Create Country Bean**



1. **Define the Country Bean in spring-config.xml**

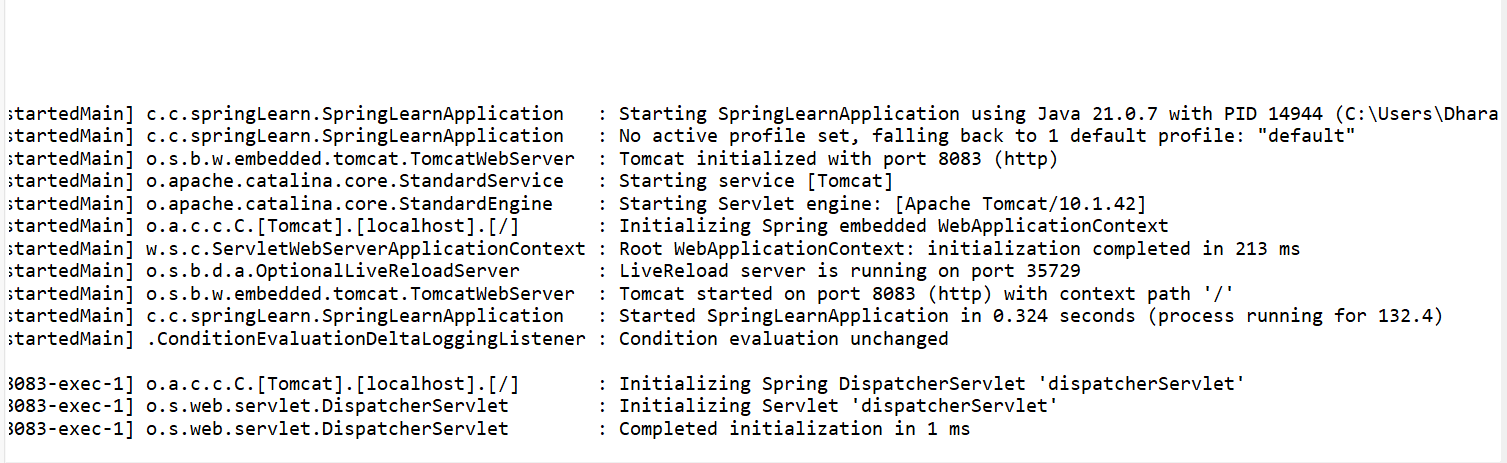


1. **Controller to Load Bean and Return JSON**

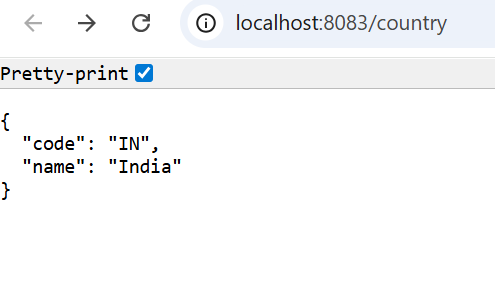


1. **Run the Application**

Output:-

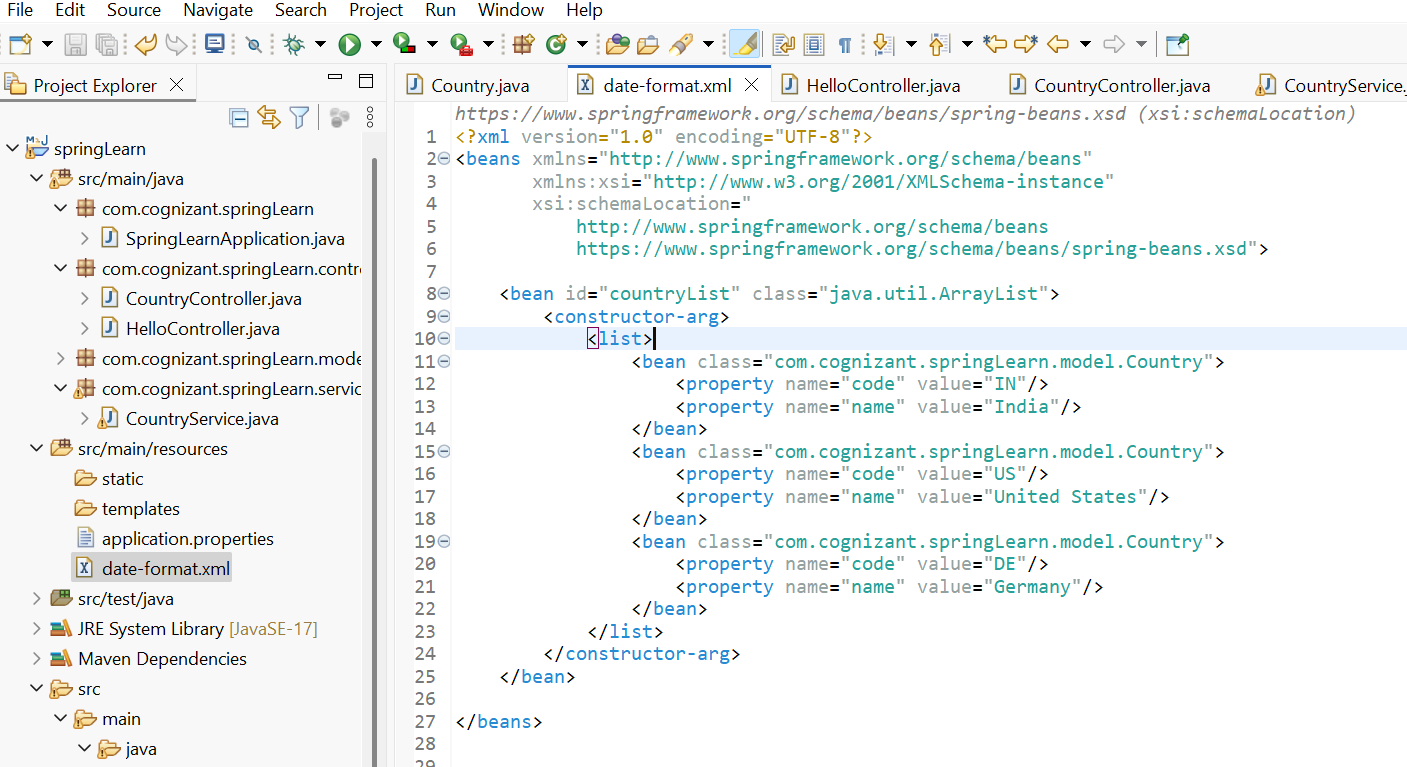


**URL:** <http://localhost:8083/country>

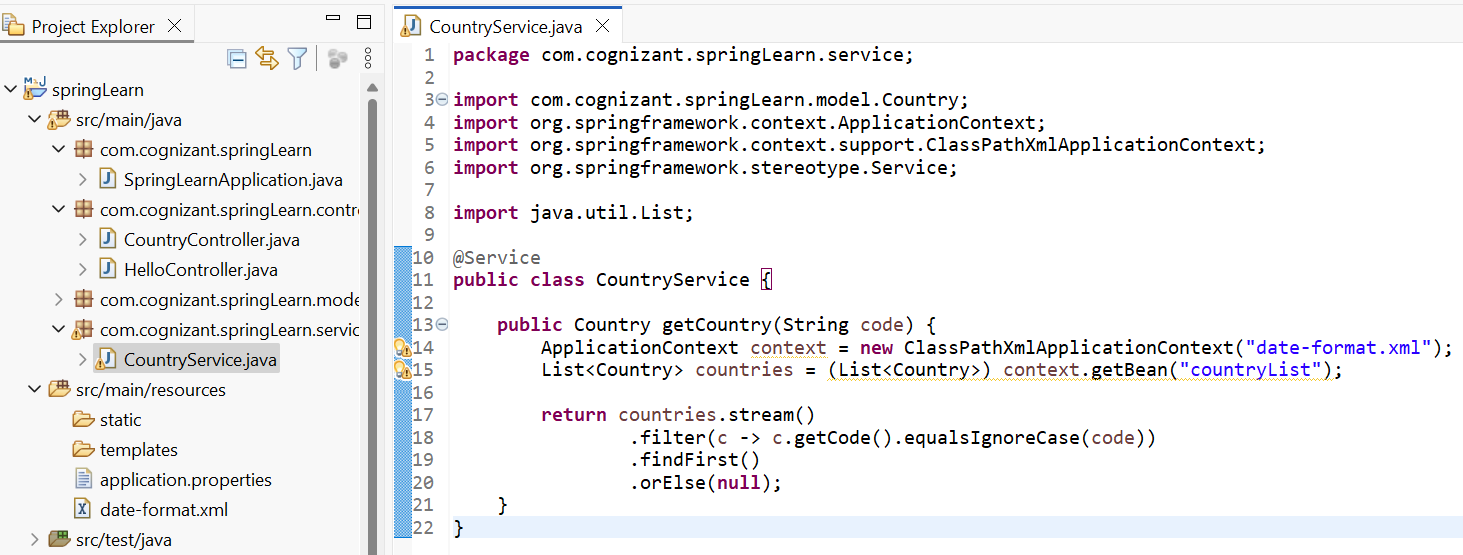


**REST - Get country based on country code**   
3) Write a REST service that returns a specific country based on country code. The country code should be case insensitive.

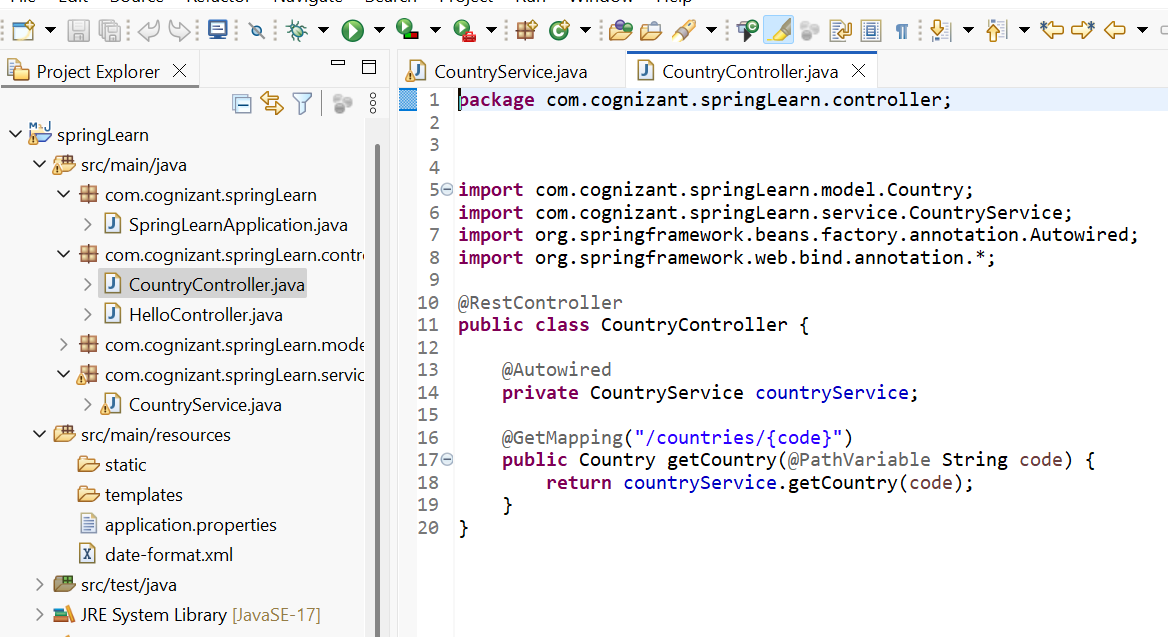
1. **Update country.xml with a list of countries**



1. **Create CountryService.java**



1. **Update CountryController.java**



1. **Run and Test**

Sample Request: **http://localhost:8083/country/in**

