## Spring REST using Spring Boot 3

## 1. spring-rest-handson

Hands on 1

## Create a Spring Web Project using Maven

#### Solution:-

Go to <a href="https://start.spring.io/">https://start.spring.io/</a>

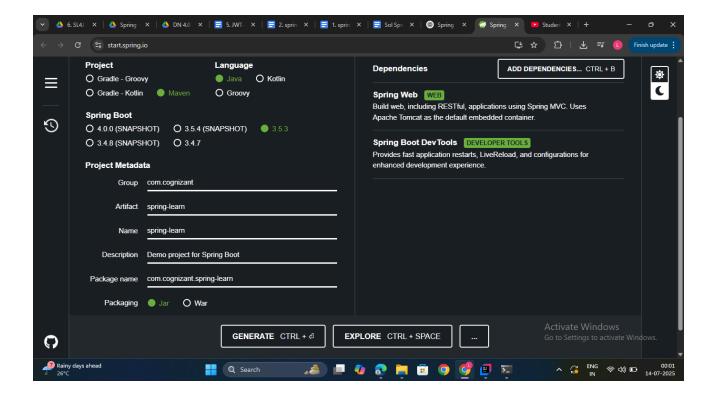
Change Group as "com.cognizant"

Change Artifact Id as "spring-learn"

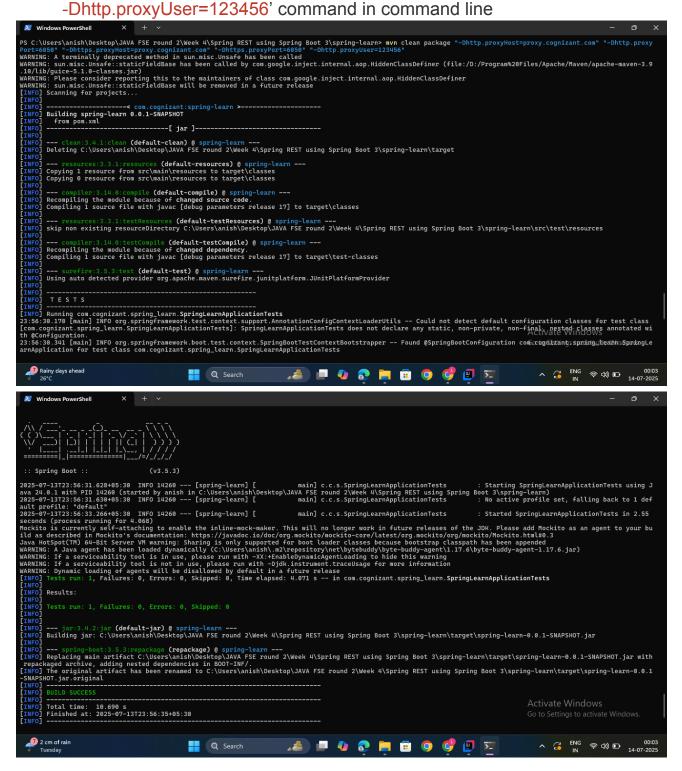
Select Spring Boot DevTools and Spring Web

Create and download the project as zip

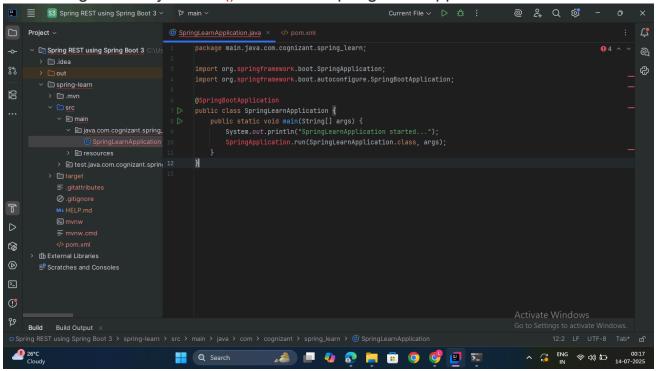
Extract the zip in root folder to Eclipse Workspace



7. Build the project using 'mvn clean package -Dhttp.proxyHost=proxy.cognizant.com -Dhttp.proxyPort=6050 -Dhttps.proxyHost=proxy.cognizant.com -Dhttps.proxyPort=6050



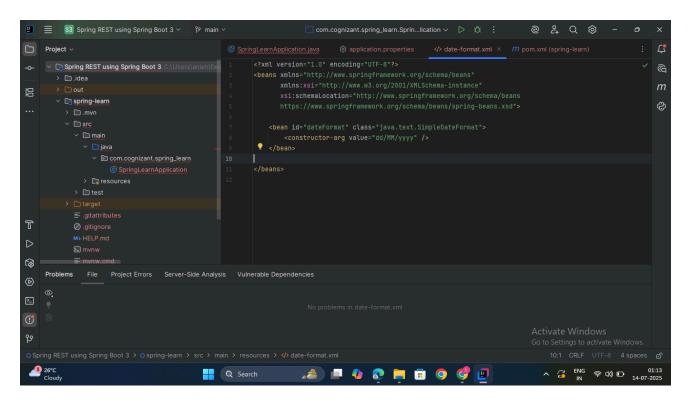
Include logs to verify if main() method of SpringLearnApplication.



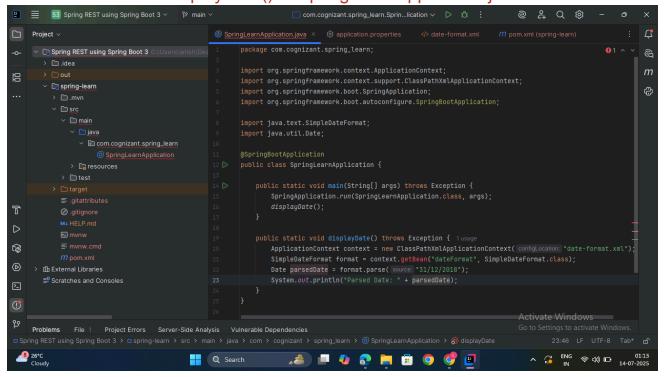
#### Hands on 2

# Spring Core – Load SimpleDateFormat from Spring Configuration XML

• Define bean tag in the XML with for date format.

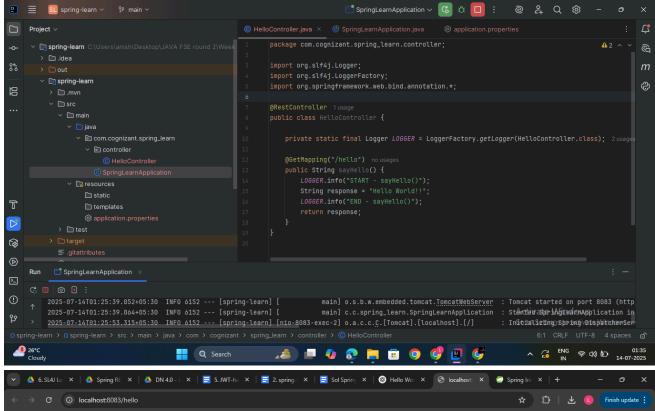


Create new method displayDate() in SpringLearnApplication.java



#### 2. Spring-rest-handson

#### Hello World RESTful Web Service

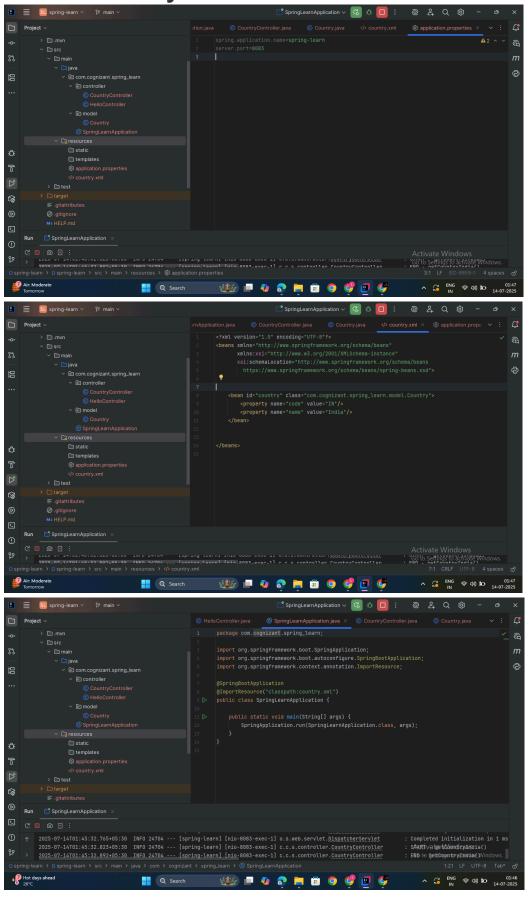


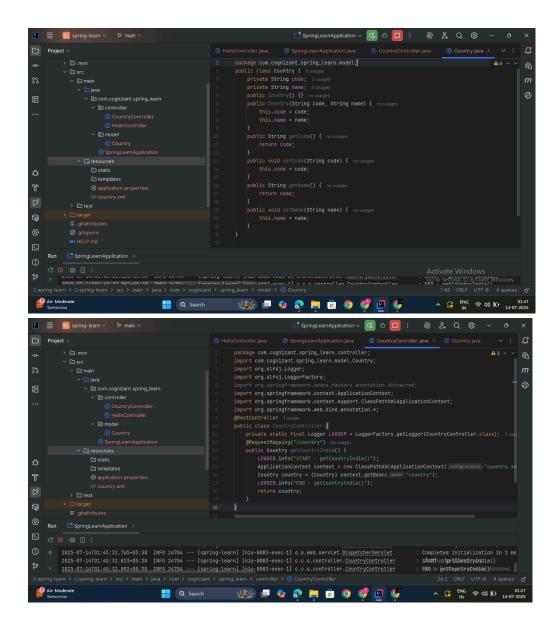
Hello World!!

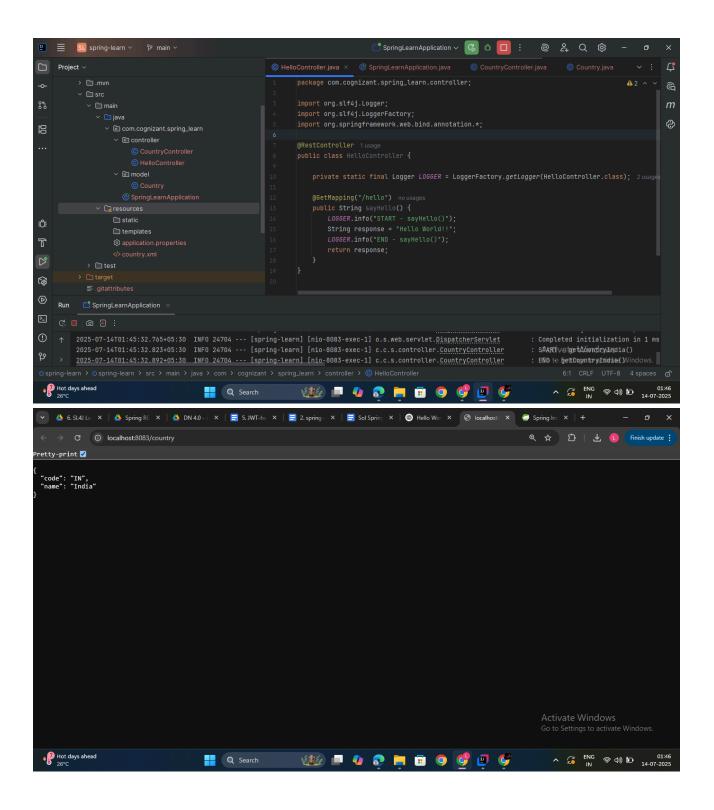
Activate Windows
Go to Settings to activate Windows



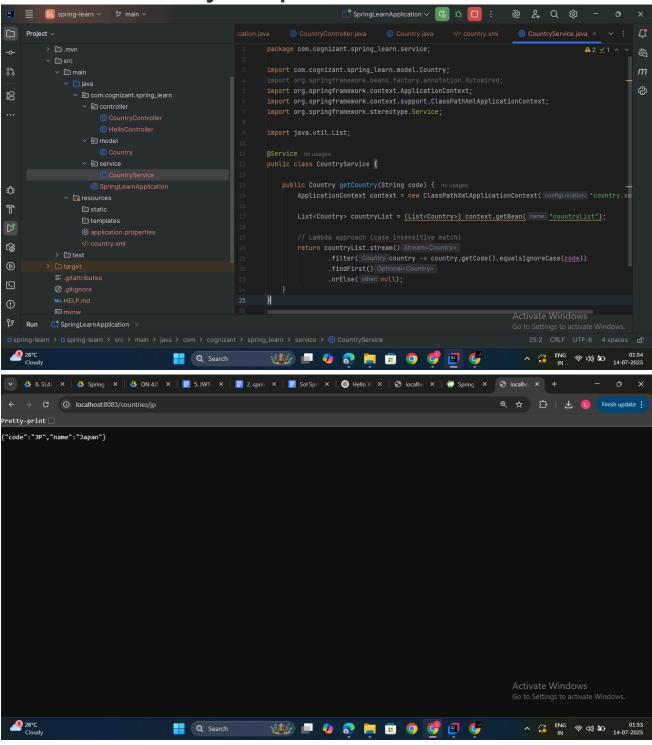
### **REST - Country Web Service**

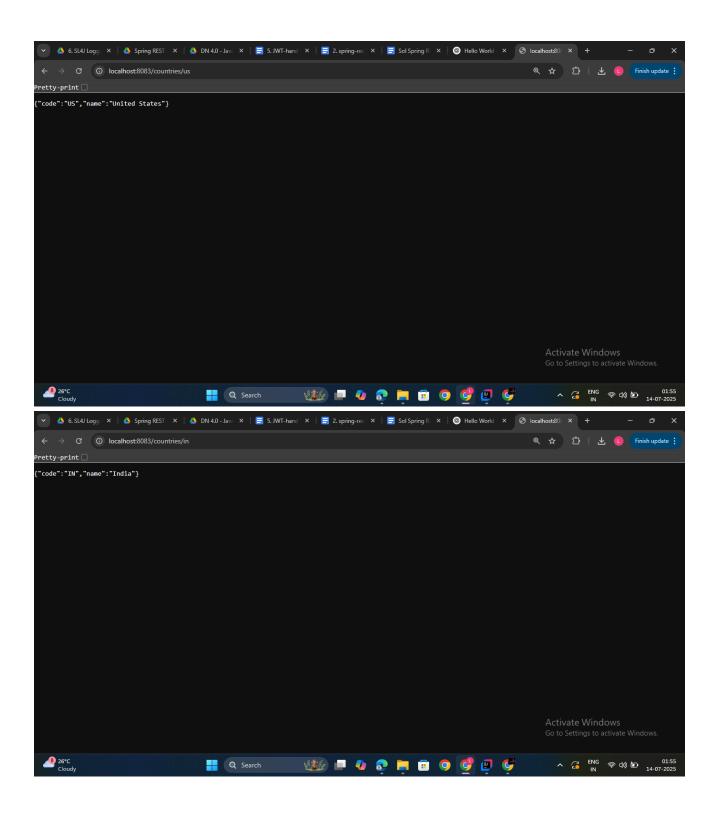




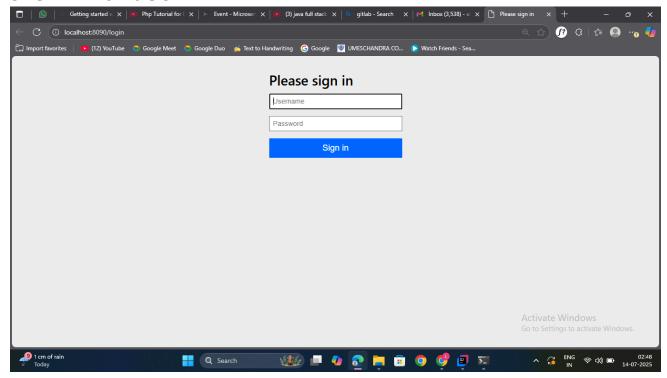


## **REST - Get country exceptional scenario**





#### 5. JWT-handson



#### Request

curl -s -u user:pwd http://localhost:8090/authenticate

#### Response

{"token":"eyJhbGci0iJIUzI1NiJ9.eyJzdWIi0iJ1c2VyIiwiaWF0IjoxNTcwMzc5NDc0LCJleHAi0jE1NzAz0DA2NzR9.t3LRvlCV-hwKfoqZYlaVQqEUiBloWcWn0ft3tgv0dL0"}