**Spring REST using Spring Boot 3**

**EXERCISE 1: Create a Spring Web Project using MAVEN**

**Source Code**

**STEP 1: Go to Spring Initialize**

Open your browser and go to: <https://start.spring.io>

**STEP 2: Fill Project Metadata**

* **Group:** com.cognizant
* **Artifact:** spring-learn

**STEP 3: Add Dependencies**

Click "Add Dependencies" and include:

* Spring Web
* Spring Boot DevTools

**STEP 4: Generate and Extract Project**

* Click **Generate**, it downloads a ZIP file.
* Extract the ZIP to a folder inside your **Eclipse Workspace**.

**STEP 5: Import Project into Eclipse**

* Open Eclipse
* Go to: File → Import → Maven → Existing Maven Projects → Next
* Browse and select the extracted folder → Click **Finish**

**STEP 6: Build the Project via Command Line**

* Open Command Prompt → go to the project folder

**Run this command:**

mvn clean package -Dhttp.proxyHost=proxy.cognizant.com -Dhttp.proxyPort=6050 -Dhttps.proxyHost=proxy.cognizant.com -Dhttps.proxyPort=6050 -Dhttp.proxyUser=123456

**STEP 7: Add Logging to Main Class**

Open SpringLearnApplication.java inside:

src/main/java/com/cognizant/springlearn/

**Edit it like this:**

@SpringBootApplication

public class SpringLearnApplication {

private static final Logger LOGGER = LoggerFactory.getLogger(SpringLearnApplication.class);

public static void main(String[] args) {

LOGGER.info("START");

SpringApplication.run(SpringLearnApplication.class, args);

LOGGER.info("END");

}

}

**STEP 8: Run the Application**

* Right-click on SpringLearnApplication.java  
  → Run As → Java Application

**STEP 9: Verify Console Output**

You should see logs:

