**Exercise-3: Hello World RESTful Web Service**

**HelloController.java**

package com.cognizant.spring\_learn.controller;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

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

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

@RestController

public class HelloController {

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

@GetMapping("/hello")

public String sayHello() {

LOGGER.debug("START - /hello");

return "Hello World!!, This is week4-Excercise-3 output";

}

}

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;

import com.cognizant.spring\_learn.Country;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

@SpringBootApplication

public class SpringLearnApplication {

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

public static void main(String[] args) {

SpringApplication.run(SpringLearnApplication.class, args);

displayCountry(); // This will run after web server is up

}

public static void displayCountry() {

LOGGER.debug(">>> Inside displayCountry()");

ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");

LOGGER.debug(">>> context loaded: {}", context);

for (String name : context.getBeanDefinitionNames()) {

LOGGER.debug(">>> Bean: {}", name);

}

Country country = context.getBean("country", Country.class);

LOGGER.debug(">>> Loaded country bean: {}", country);

}

}

**application.properties**

spring.application.name=spring-learn

logging.level.root=DEBUG

server.port=8083

logging.level.com.cognizant=DEBUG

**Output:**

