**HandsOn : Hello World RESTful Web Service**

**Steps :**

1. **Add the REST Controller Class –**

Created a new Java class:  
**com.cognizant.spring\_learn.controller.HelloController**

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***.info("START - /hello endpoint hit");

String message = "Hello World!!";

***LOGGER***.info("END - Responding with: {}", message);

return message;

}

}

1. **Proper @SpringBootApplication Setup –**

SpringLearnApplication.java looks like this :-

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

@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");

}

}

1. **Set Custom Port in *application.properties* -**

server.port=8083

1. **Run and Test the Application –**

Ran **SpringLearnApplication.java** as a Java Application.

**Output :**

* **Console output shows:-**

Tomcat started on port 8083

* **Opened** [**http://localhost:8083/hello**](http://localhost:8083/hello) **in the browser -**

Also tested in **Postman** using a GET request to the same URL.

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**SME Section :**

**A screenshot of a computer

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