**Hello World RESTful Web Service**   
  
Write a REST service in the spring learn application created earlier, that returns the text "Hello World!!" using Spring Web Framework. Refer details below:  
  
**Method:** GET  
**URL:** /hello  
**Controller:** com.cognizant.spring-learn.controller.HelloController  
**Method Signature:** public String sayHello()  
**Method Implementation:** return hard coded string "Hello World!!"  
**Sample Request**: <http://localhost:8083/hello>**Sample Response:** Hello World!!   
  
**IMPORTANT NOTE**: Don't forget to include start and end log in the sayHello() method.  
  
Try the URL <http://localhost:8083/hello> in both chrome browser and postman.  
  
SME to explain the following aspects:

* In network tab of developer tools show the HTTP header details received
* In postman click on "Headers" tab to view the HTTP header details received

**CODE**

**HelloController.java**

**File Path**: src/main/java/com/cognizant/springlearn/controller/HelloController.java

package com.cognizant.springlearn.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: sayHello()");

String response = "Hello World!!";

LOGGER.info("END: sayHello()");

return response;

}

}

## **application.properties**

**File Path**: src/main/resources/application.properties

server.port=8083

## **SpringLearnApplication.java**

## **File Path:** src/main/java/com/cognizant/springlearn/SpringLearnApplication.java

package com.cognizant.springlearn;

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: SpringLearnApplication");

SpringApplication.run(SpringLearnApplication.class, args);

LOGGER.info("END: SpringLearnApplication");

}

}

**OUTPUT:**

INFO ... SpringLearnApplication - Started SpringLearnApplication

INFO ... HelloController - START: sayHello()

INFO ... HelloController - END: sayHello()