

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

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.info("Start");
        String message = "Hello World!!";
        LOGGER.info("End");
        return message;
    }
}
```

Main Class (Reminder)

```
@SpringBootApplication  
  
public class SpringLearnApplication {  
    public static void main(String[] args) {  
        SpringApplication.run(SpringLearnApplication.class, args);  
    }  
}
```

COMMAND:

```
curl -s http://localhost:8083/hello
```

OUTPUT:

```
Hello World!!
```

SUPERSET ID: 6407636

KANMANI MURUGHAIYAN