**3. Hello World RESTful Web Service**

**CODE:**

**SpringLearnApplication.java:**  
package com.example.cognizant.springlearn;  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
@SpringBootApplication  
public class SpringLearnApplication {  
 public static void main(String[] args) {  
 SpringApplication.*run*(SpringLearnApplication.class, args);  
 }  
}

**HelloController.java:**  
package com.example.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 message = "Hello World!!";  
 *LOGGER*.info("End sayHello()");  
 return message;  
 }  
}

**POM.XML:**

<project xmlns="http://maven.apache.org/POM/4.0.0"  
 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
 xsi:schemaLocation="http://maven.apache.org/POM/4.0.0  
 http://maven.apache.org/xsd/maven-4.0.0.xsd">  
 <modelVersion>4.0.0</modelVersion>  
  
 <groupId>com.example.cognizant</groupId>  
 <artifactId>spring-learn</artifactId>  
 <version>0.0.1-SNAPSHOT</version>  
 <packaging>jar</packaging>  
 <name>spring-learn</name>  
 <parent>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-parent</artifactId>  
 <version>3.2.0</version>  
 <relativePath/> <!-- Lookup parent from repository -->  
 </parent>  
 <properties>  
 <java.version>17</java.version>  
 </properties>  
 <dependencies>  
 <!-- Spring Web Starter -->  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-web</artifactId>  
 </dependency>  
 <!-- Spring Boot DevTools -->  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-devtools</artifactId>  
 <scope>runtime</scope>  
 <optional>true</optional>  
 </dependency>  
 <!-- Spring Boot Test -->  
 <dependency>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-starter-test</artifactId>  
 <scope>test</scope>  
 </dependency>  
 </dependencies>  
 <build>  
 <plugins>  
 <plugin>  
 <groupId>org.springframework.boot</groupId>  
 <artifactId>spring-boot-maven-plugin</artifactId>  
 </plugin>  
 </plugins>  
 </build>  
</project>

**OUTPUT:**





