Hands-on 3: Hello World RESTful Web Service

# Objective:

Write a REST service in the Spring Learn application that returns the text "Hello World!!" using Spring Web Framework.

# Instructions Followed:

• 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:8080/hello

• Sample Response: Hello World!!

• Logging: Start and End log messages are added in sayHello()

# HelloController.java

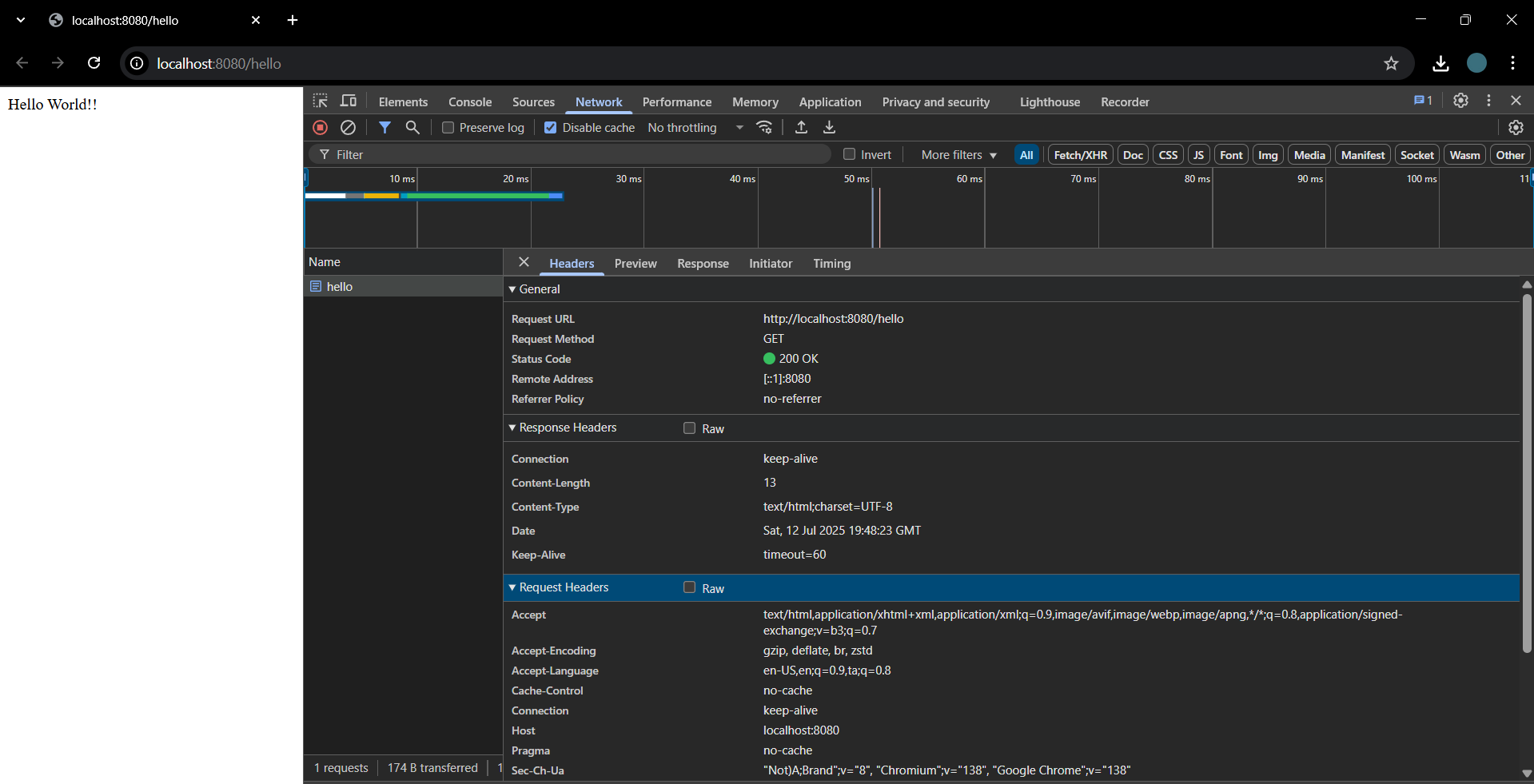
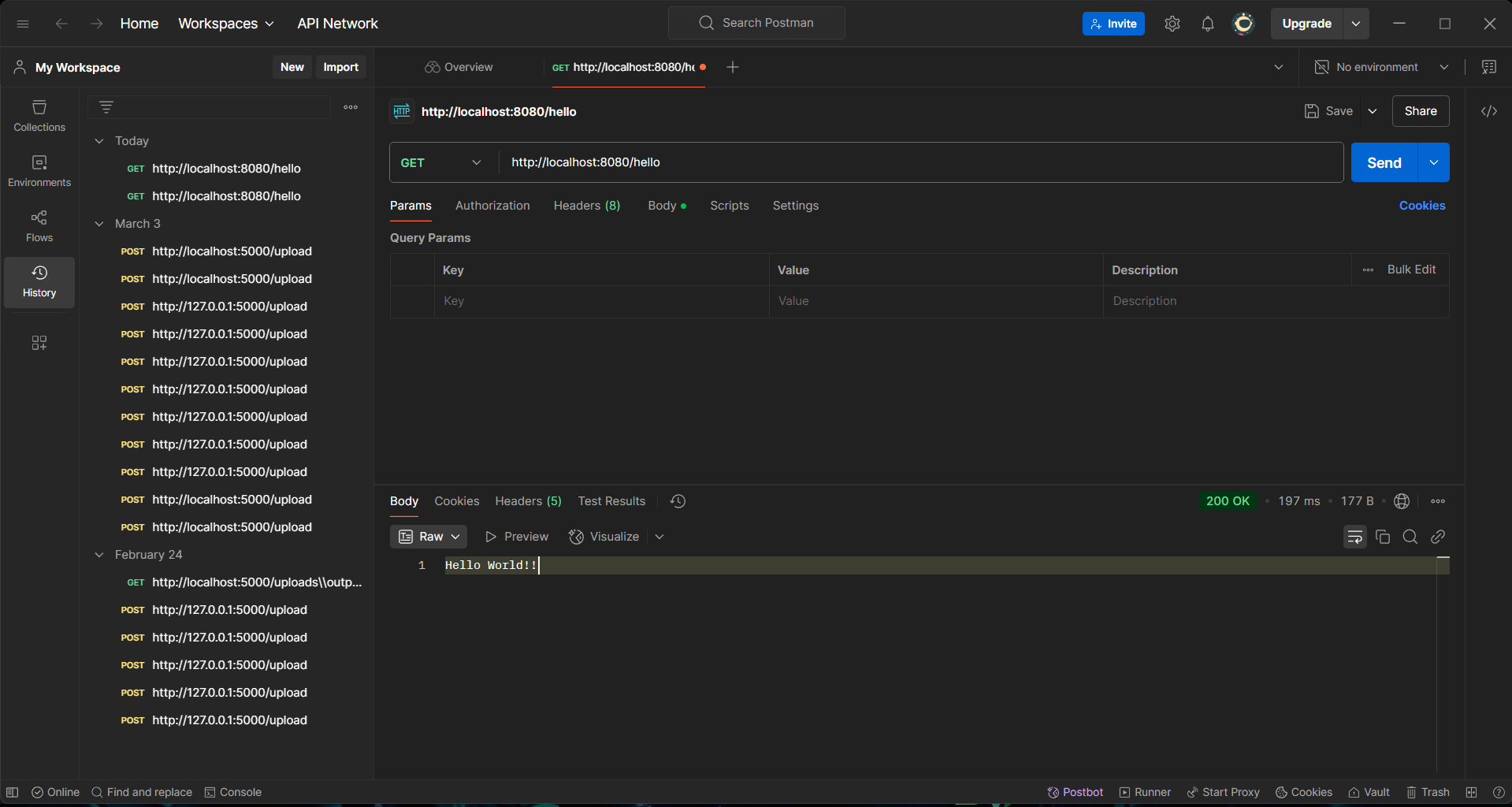
package com.cognizant.spring\_learn.controller;  
  
  
import org.slf4j.Logger;  
import org.slf4j.LoggerFactory;  
import org.springframework.web.bind.annotation.GetMapping;  
import org.springframework.web.bind.annotation.RestController;  
  
@RestController  
public class Hellocontroller {  
 private static final Logger *LOGGER* = LoggerFactory.*getLogger*(Hellocontroller.class);  
  
 @GetMapping("/hello")  
 public String sayHello() {  
 *LOGGER*.info("Start");  
 String response = "Hello World!!";  
 *LOGGER*.info("End");  
 return response;  
 }  
}

# SpringLearnApplication.java

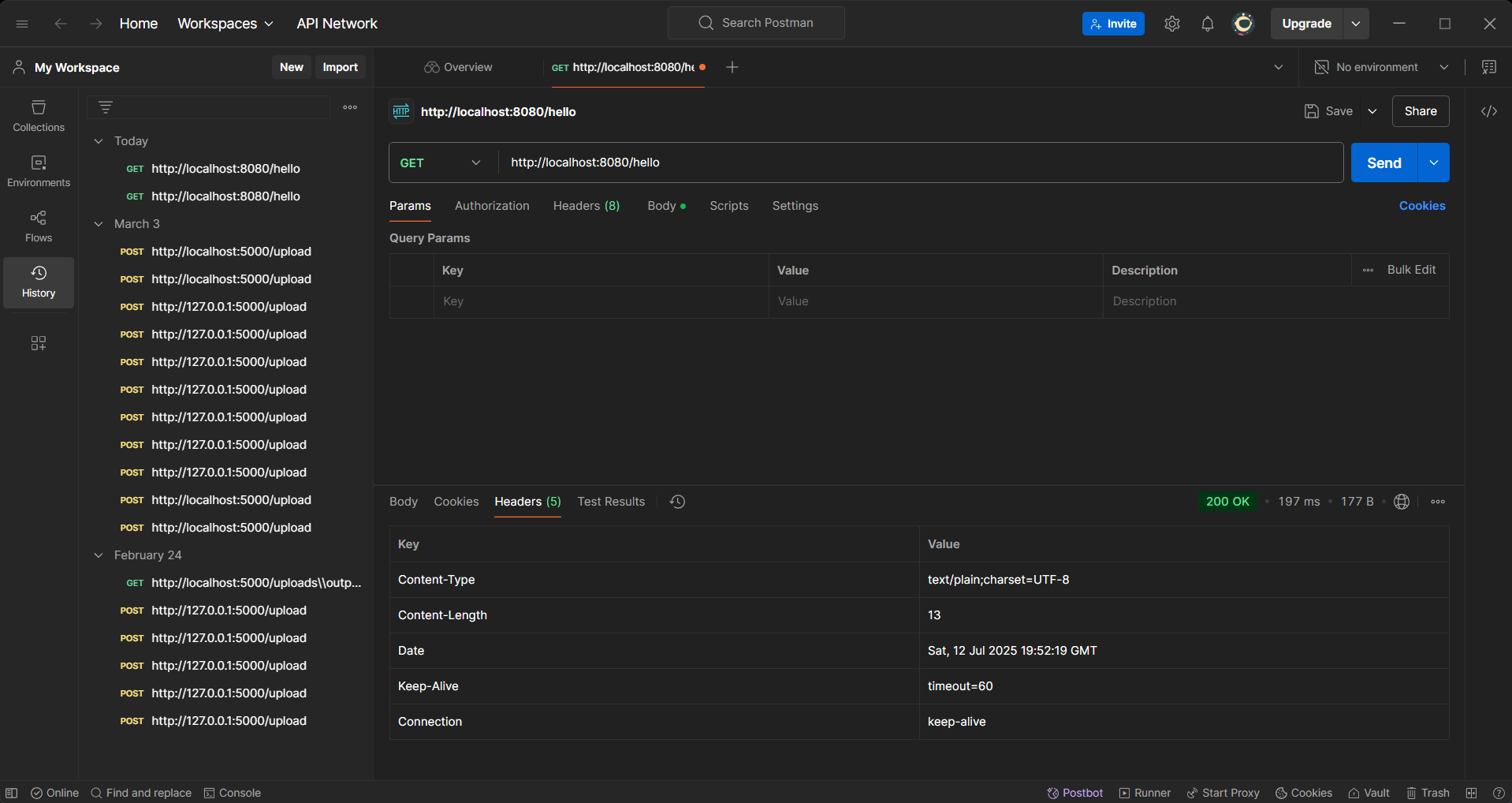
package com.cognizant.spring\_learn;  
  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
  
@SpringBootApplication  
public class SpringLearnApplication {  
  
 public static void main(String[] args) {  
 SpringApplication.*run*(SpringLearnApplication.class,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

# Sample Output in Browser/Postman



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