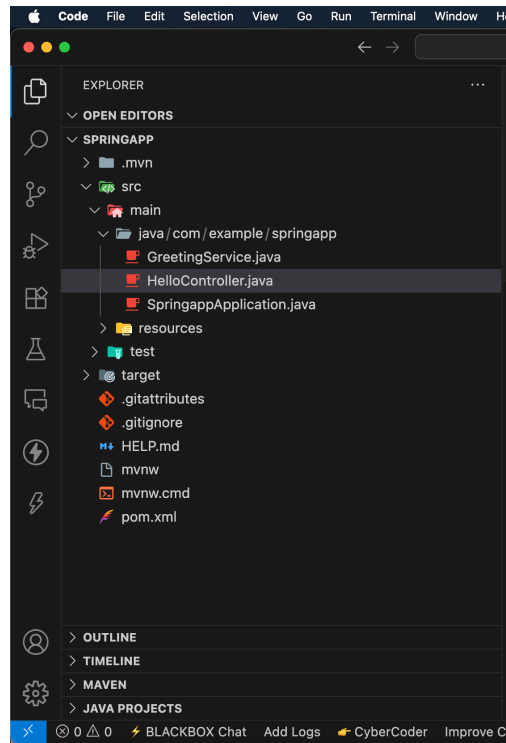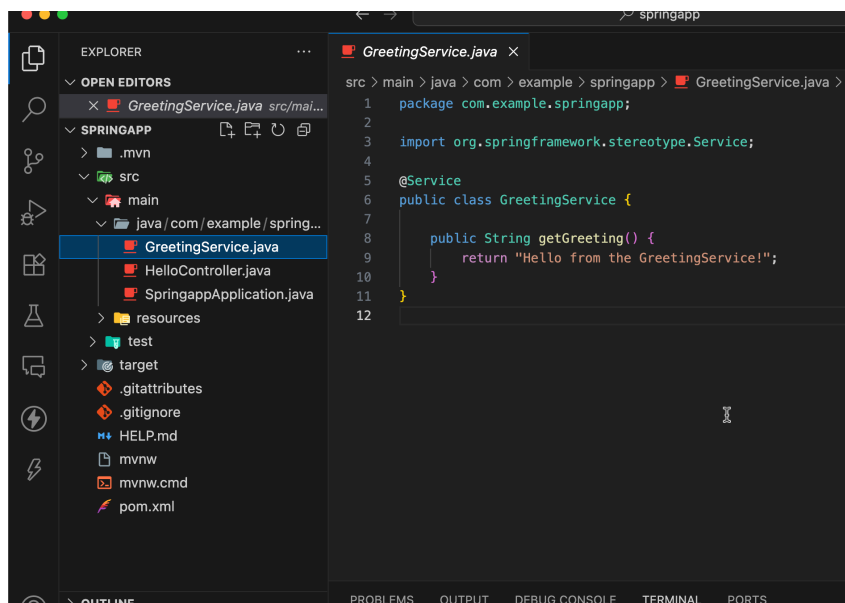# Exercise 2: Implementing Dependency Injection

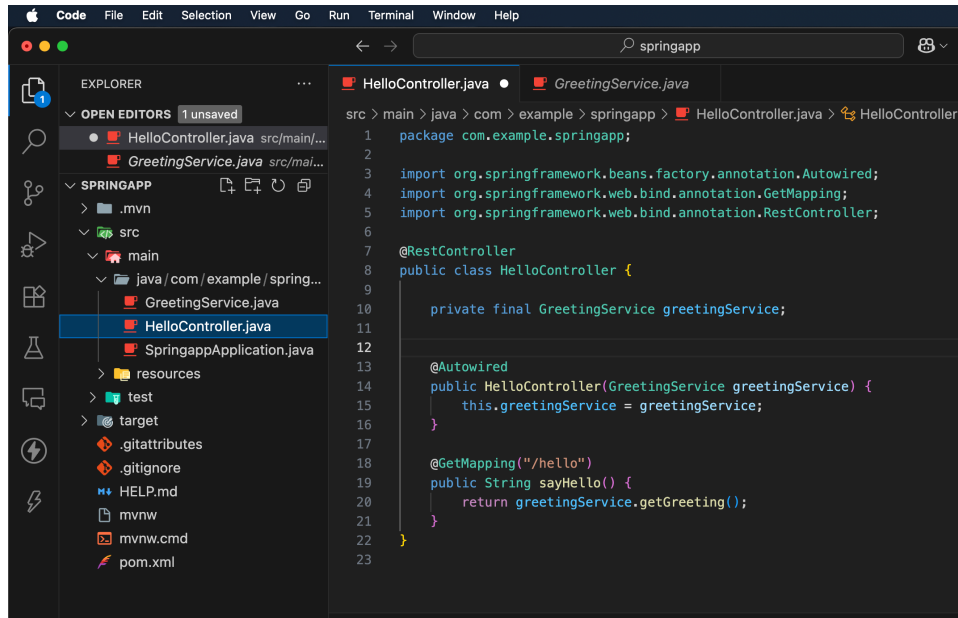Folder Structure:



GreetingService.java

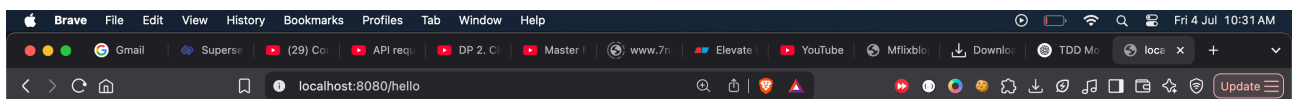# HelloController.java



```java
package com.example.springapp;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.web.bind.annotation.GetMapping;
import org.springframework.web.bind.annotation.RestController;

@RestController
public class HelloController {

    private final GreetingService greetingService;


    @Autowired
    public HelloController(GreetingService greetingService) {
        this.greetingService = greetingService;
    }

    @GetMapping("/hello")
    public String sayHello() {
        return greetingService.getGreeting();
    }
}
```

# Output:



Hello from the GreetingService!