

Spring Web Layer Integration Test

```
package integration.tests.web.layer;

import org.assertj.core.api.Assertions;
import org.junit.jupiter.api.BeforeEach;
import org.junit.jupiter.api.Test;
import org.springframework.boot.test.context.SpringBootTest;
import org.springframework.boot.test.context.SpringBootTest.WebEnvironment;
import org.springframework.boot.web.server.LocalServerPort;
import org.springframework.web.client.RestTemplate;

@SpringBootTest(webEnvironment = WebEnvironment.RANDOM_PORT)
class WebLayerIntegrationTest {

    @LocalServerPort
    private int port;

    private RestTemplate restTemplate;

    @BeforeEach
    public void setup() {
        restTemplate = new RestTemplate();
    }

    @Test
    public void someMethod() {
        String response = restTemplate.getForObject("http://localhost:"+port+"/hello"
            , String.class);
        Assertions.assertThat(response).isEqualTo("Hello");
    }
}
```