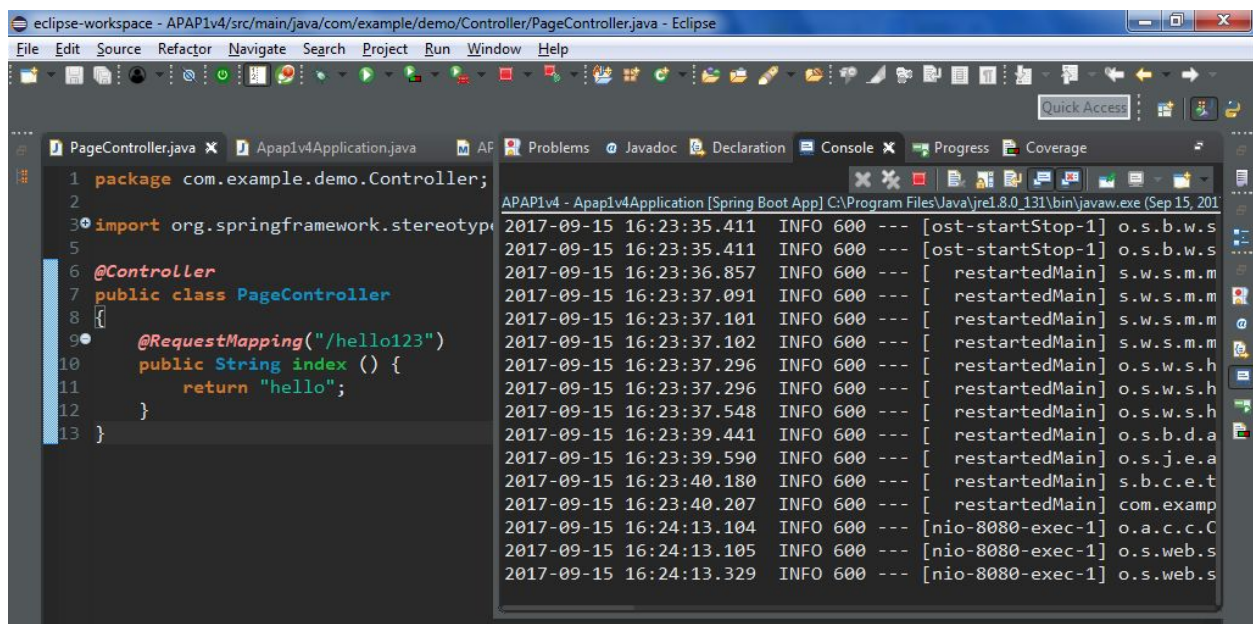


# Write-Up Tutorial 2 APAP

Dalam tutorial kali ini, kita belajar pertama kali menggunakan SpringBoot. Kita belajar bagaimana implementasi praktis MVC (Model-View-Controller) serta *passing variable*.

## Pertanyaan

Ganti baris tersebut menjadi `@RequestMapping("/hello123")` Pertanyaan: Apakah compile error? Jika tidak, stop Spring Boot yang sedang berjalan, run kembali dan buka localhost: 8080/hello apa yang terjadi?



The screenshot shows the Eclipse IDE with the `PageController.java` file open. The code is as follows:

```
1 package com.example.demo.Controller;  
2  
3 import org.springframework.stereotype.Controller;  
4  
5  
6 @Controller  
7 public class PageController  
8 {  
9     @RequestMapping("/hello123")  
10    public String index () {  
11        return "hello";  
12    }  
13 }
```

The console output shows the following logs:

```
2017-09-15 16:23:35.411 INFO 600 --- [ost-startStop-1] o.s.b.w.s  
2017-09-15 16:23:35.411 INFO 600 --- [ost-startStop-1] o.s.b.w.s  
2017-09-15 16:23:36.857 INFO 600 --- [ restartedMain] s.w.s.m.m  
2017-09-15 16:23:37.091 INFO 600 --- [ restartedMain] s.w.s.m.m  
2017-09-15 16:23:37.101 INFO 600 --- [ restartedMain] s.w.s.m.m  
2017-09-15 16:23:37.102 INFO 600 --- [ restartedMain] s.w.s.m.m  
2017-09-15 16:23:37.296 INFO 600 --- [ restartedMain] o.s.w.s.h  
2017-09-15 16:23:37.296 INFO 600 --- [ restartedMain] o.s.w.s.h  
2017-09-15 16:23:37.548 INFO 600 --- [ restartedMain] o.s.w.s.h  
2017-09-15 16:23:39.441 INFO 600 --- [ restartedMain] o.s.b.d.a  
2017-09-15 16:23:39.590 INFO 600 --- [ restartedMain] o.s.j.e.a  
2017-09-15 16:23:40.180 INFO 600 --- [ restartedMain] s.b.c.e.t  
2017-09-15 16:23:40.207 INFO 600 --- [ restartedMain] com.examp  
2017-09-15 16:24:13.104 INFO 600 --- [nio-8080-exec-1] o.a.c.c.C  
2017-09-15 16:24:13.105 INFO 600 --- [nio-8080-exec-1] o.s.web.s  
2017-09-15 16:24:13.329 INFO 600 --- [nio-8080-exec-1] o.s.web.s
```



## Whitelabel Error Page

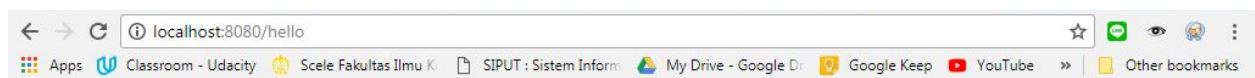
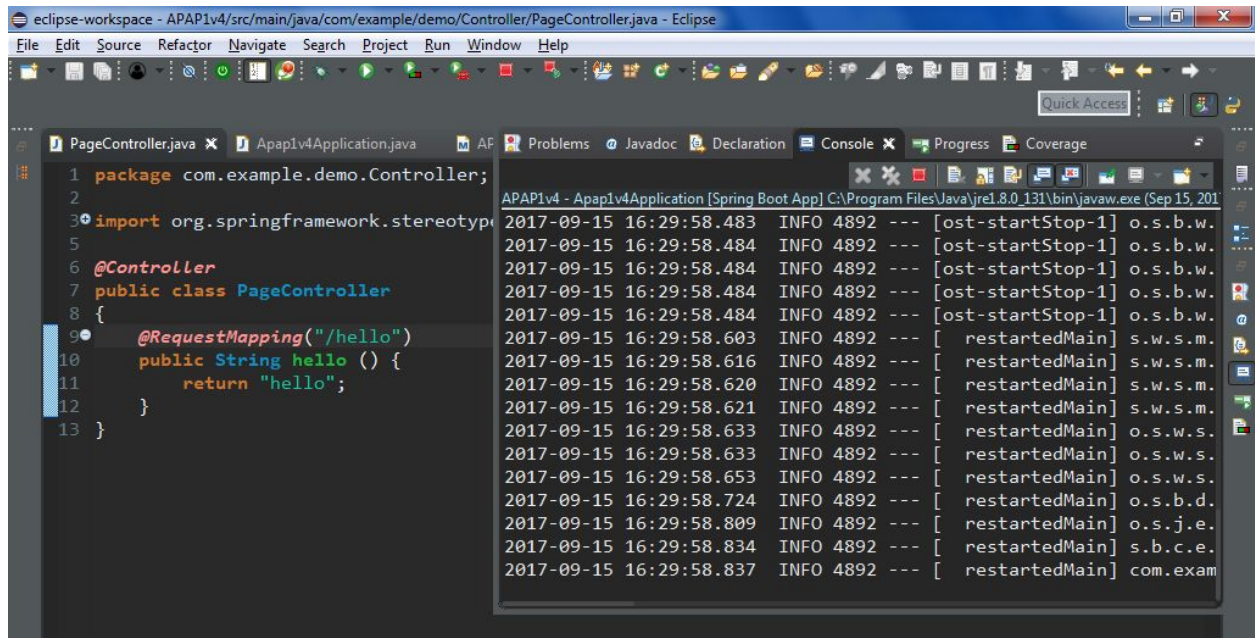
This application has no explicit mapping for /error, so you are seeing this as a fallback.

Fri Sep 15 16:24:13 ICT 2017

There was an unexpected error (type=Not Found, status=404).

No message available

Ganti nama method `index()` dengan nama method `hello()` Pertanyaan: Apakah compile error? Jika tidak, Stop Spring Boot yang sedang berjalan, run kembali dan buka localhost: 8080/hello apakah page hello sebelumnya masih muncul?



**Hello, world!**

Ganti string return type menjadi return "hello123"; Pertanyaan: Apakah compile error? Jika tidak, Stop Spring Boot yang sedang berjalan, run kembali dan buka localhost: 8080/hello apakah page hello sebelumnya masih muncul?



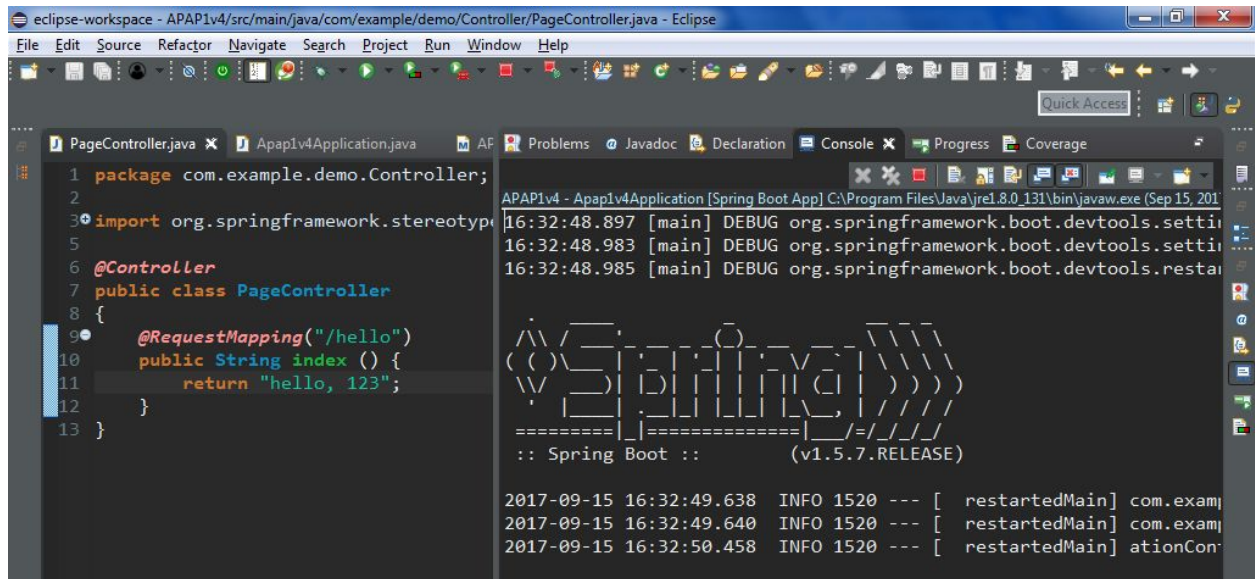
## Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Fri Sep 15 16:37:03 ICT 2017

There was an unexpected error (type=Internal Server Error, status=500).

Error resolving template "hello, 123", template might not exist or might not be accessible by any of the configured Template Resolvers



Ubah nilai anotasi RequestMapping dari "/greeting" menjadi "/hello/greeting" Buka localhost: 8080/hello/greeting?name=chanek Pertanyaan: apakah hasilnya?



## Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Fri Sep 15 17:08:21 ICT 2017

There was an unexpected error (type=Not Found, status=404).

No message available

Akses localhost: 8080/greeting Pertanyaan: Apakah hasilnya?

## Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Fri Sep 15 17:09:49 ICT 2017

There was an unexpected error (type=Bad Request, status=400).

Required String parameter 'name' is not present

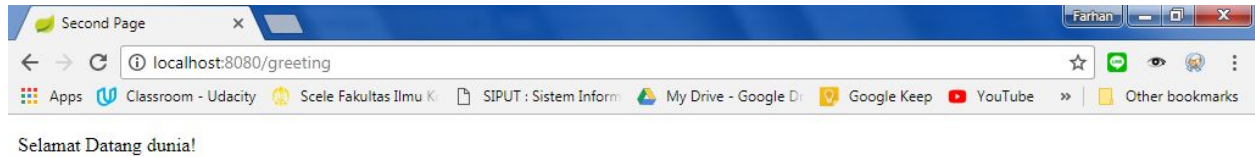
Ubah header method greeting menjadi seperti berikut



Ubah header method greeting menjadi seperti berikut public String greeting (@RequestParam(value = "name", required = false, defaultValue = "dunia") String name, Model



model) Stop Spring Boot yang sedang berjalan, run kembali, dan buka localhost: 8080/greeting. Pertanyaan: apakah hasilnya?



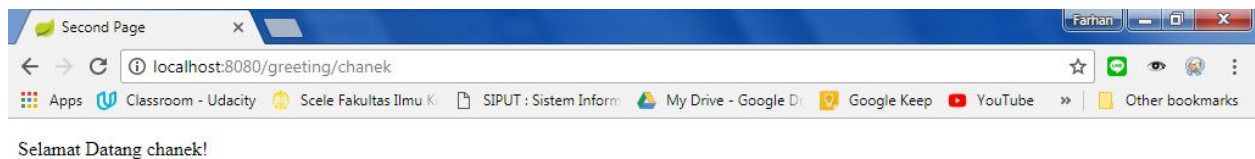
Perhatikan bahwa pada berkas greeting.html, tag paragraf yang kita tambahkan adalah sebagai berikut:

Sapaan untuk user

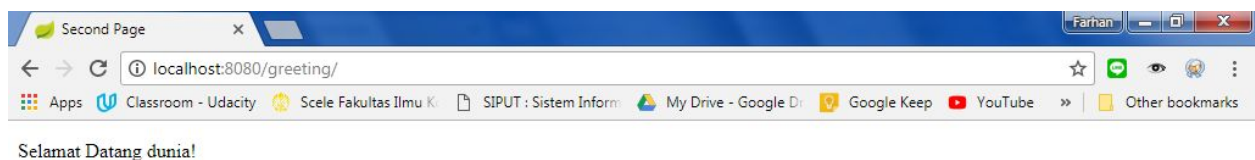
Pertanyaan: Mengapa tulisan “Sapaan untuk user” tidak pernah muncul?

Tertutup text dari th

2. Stop Spring Boot yang sedang berjalan, run kembali, dan buka localhost: 8080/greeting/chanek apakah hasilnya?



Akses localhost:8080/greeting/ Pertanyaan: Apa hasilnya?



Ubah method greetingPath menjadi seperti berikut ... Akses localhost:8080/greeting/ Pertanyaan: Apa hasilnya?



## Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Fri Sep 15 17:22:49 ICT 2017

There was an unexpected error (type=Internal Server Error, status=500).

Ambiguous handler methods mapped for HTTP path 'http://localhost:8080/greeting/': {public java.lang.String com.example.demo.Controller.PageController.greetingPath(java.util.Optional,org.springframework.ui.Model), public java.lang.String com.example.demo.Controller.PageController.greeting(java.lang.String,org.springframework.ui.Model)}

Akses localhost:8080/greeting/chanek Pertanyaan: Apa hasilnya?



Selamat Datang chanek!