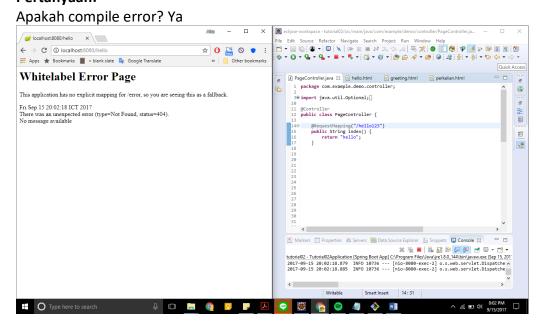
### Ringkasan Hal yang Dipelajari

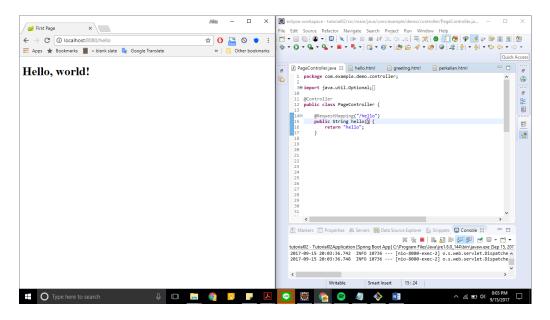
Dalam tutorial 2 kali ini, saya mempelajari penggunaan Spring Boot sebagai web framework dalam menggunakan Java. Selain itu saya juga mengetahui external library yang dipakai yaitu Thymeleaf. Latihan ini juga mempraktikkan cara passing data dengan request parameter dan path variable.

## **Latihan Project Hello World**

Ganti baris tersebut menjadi @RequestMapping("/hello123")
 Pertanyaan:



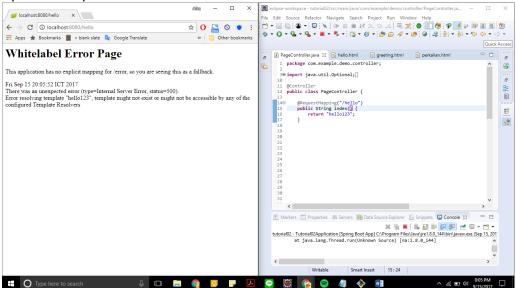
Ganti nama method index() dengan nama method hello()
 Pertanyaan:
 Apakah compile error? Tidak



3. Ganti string return type menjadi return "hello123";

## Pertanyaan:

Apakah compile error? Ya



## Pertanyaan:

Menandakan apakah String yang di-return tersebut? File .html yang dituju pada folder template

## **Latihan Request Parameter**

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

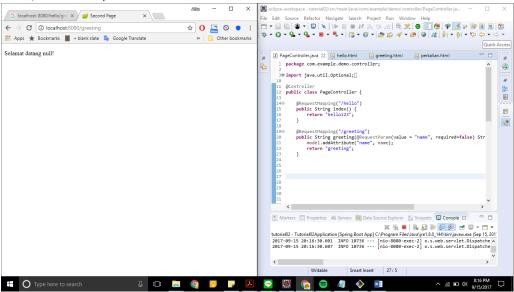
Pertanyaan: apakah hasilnya? G localhost: 8080/hello/gre × ✓ 🥥 Second Page ← → C (i) localhost:8080/hello/greeting?name=chanek ☆ 🕐 🔚 🛇 🏓 ᠄ # Apps \* Bookmarks + blank slate \$ Google Translate Selamat datang chanek! 👸 📝 PageController,java 🛭 📴 hello.html 📑 greeting.html 📑 perkalian.html 1 package com.example.demo.controlle 2 3 mimport java.util.Optional; B: E @RequestWapping("/hello/greeting")
public String greeting(@RequestParam(value = "name", required=false, def
model.addAttribute("name", name);
 return "greeting";
} Markers Properties & Servers Data Source Explorer Snippets Console S tutoriali2 - Tutoriali2Application (Spring Boot App) (C)Program Files Useral per 18.0, 144 bim) javaw.eee (Sep 15, 201 2017-09-15 20:11:84-937 1MF0 10736 - (nilo-8080e-rec-1) os.web.servlet\_Dispatche 2017-09-15 20:1140-933 1MF0 10736 -- (nilo-8080e-rec-1) os.web.servlet\_Dispatche Smart Insert 25:5 

2. Akses localhost: 8080/greeting

Pertanyaan: Apakah hasilnya?

Ubah header method greeting menjadi seperti berikut

public String greeting ( @RequestParam ( value = "name" , required = false ) String name , Model model)

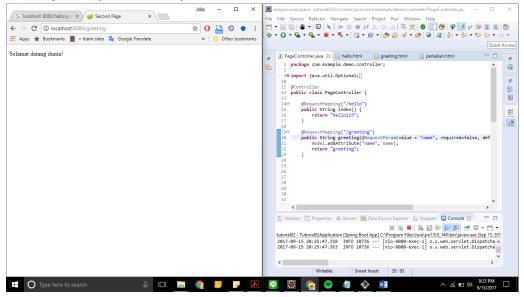


Karena variable "name" memiliki atribut required=false, maka secara default variable "name" berisi null

3. Ubah header method greeting menjadi seperti berikut: public String greeting ( @RequestParam ( value = "name" , required = false ,

```
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?



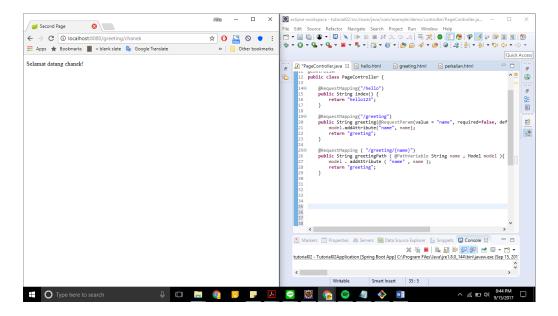
4. **Pertanyaan:** Mengapa tulisan "Sapaan untuk user" tidak pernah muncul? Karena atribut Thymeleaf **th:text=**"......" akan mengganti text dari tag html dengan isian dari atribut tersebut

#### **Path Variable**

1. Tambahkan method greetingPath pada PageController

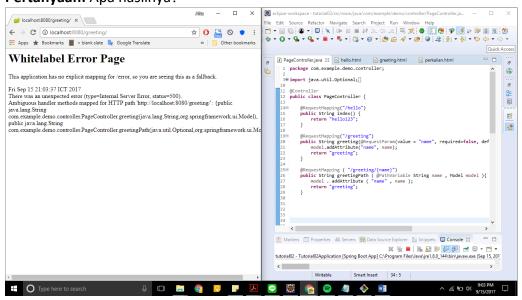
```
@RequestMapping ( "/greeting/{name}")
public String greetingPath ( @PathVariable String name , Model model )
{
model . addAttribute ( "name" , name );
return "greeting";
}
```

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



#### **Latihan Path Variable**

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



## Ubah method greetingPath menjadi seperti berikut

```
@RequestMapping ( value = { "/greeting" , "greeting/{name}" })
public String greetingPath ( @PathVariable Optional < String > name , Model model ) {
if ( name . isPresent ()) {
  model . addAttribute ( "name" , name . get ());
} else {
  model . addAttribute ( "name" , "dengklek" );
}
return "greeting";
```

}

# Akses localhost:8080/greeting/

**Pertanyaan:** Apa hasilnya?

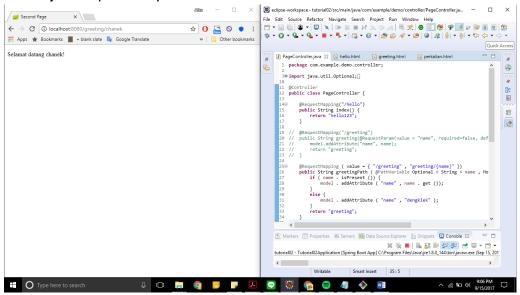
### Common Page

| Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page | Common Page

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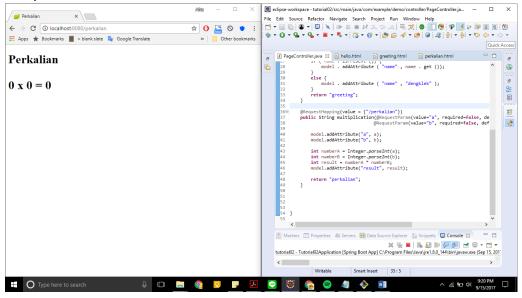
# Akses localhost:8080/greeting/chanek

Pertanyaan: Apa hasilnya?

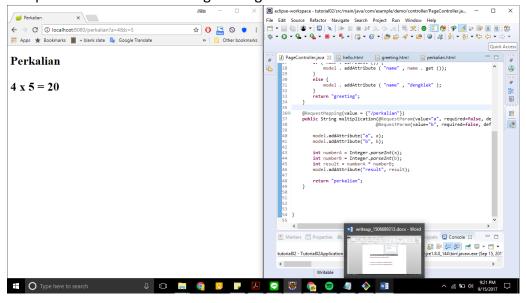


#### **Latihan Perkalian**

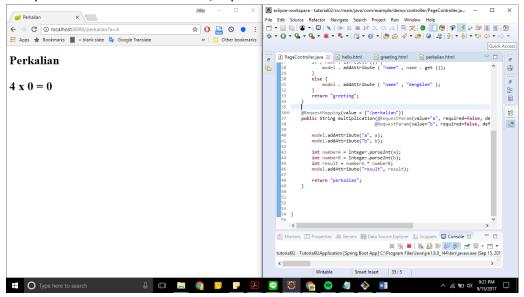
1. Tampilan ketika a dan b tidak diisi atau bernilai 0



2. Tampilan ketika a dan b masing-masing memiliki nilai



3. Tampilan ketika a memiliki nilai, tapi b tidak diisi atau bernilai 0



4. Tampilan ketika b memiliki nilai, tapi a tidak diisi atau bernilai 0

