

# **PEMROGRAMAN WEB LANJUT**

## **Jobsheet-1: Pengenalan Framework CodeIgniter**



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**TEKNIK INFORMATIKA**

**POLITEKNIK NEGERI MALANG**

**2020**

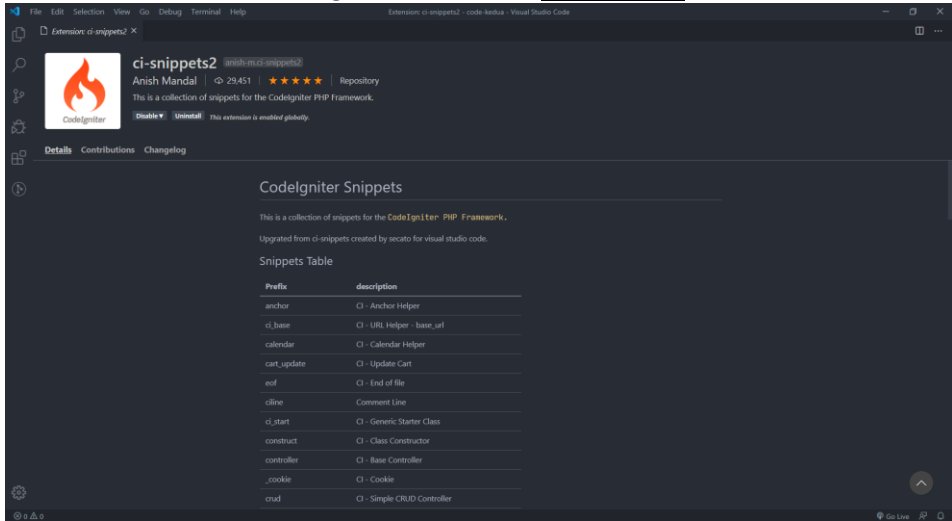
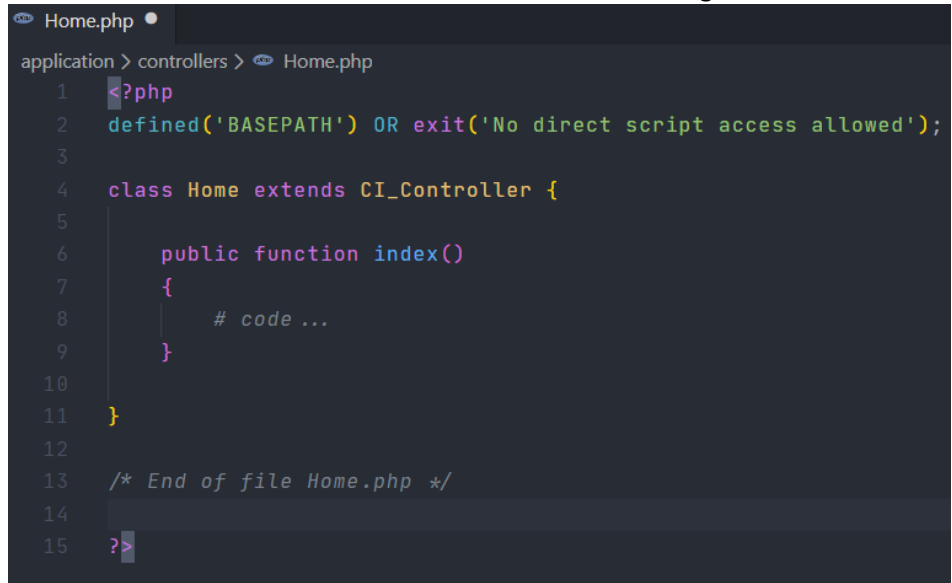
## Praktikum – Bagian 1: Menampilkan codeIgniter Pada Halaman Web

1	<p>Tampilan awal CodeIgniter</p> 
2	Controller untuk menge-load view dari views
3	View untuk menyimpan tampilan website, berisi html

## Praktikum – Bagian 2: Menambahkan Fungsi Baru Pada Controller welcome.php

1	<pre>public function index() {     \$this-&gt;load-&gt;view('welcome_message'); }  public function percobaan() {     echo "Ini adalah function percobaan"; }</pre> <p>Fungsi percobaan yang sudah di tambah pada Controller Welcome</p>
2	<p>Ini adalah function percobaan</p> <p>Tampilan ketika mengakses <a href="http://localhost/code-pertama/index.php/welcome/percobaan">http://localhost/code-pertama/index.php/welcome/percobaan</a></p>
3	<p>Ini adalah function percobaan</p> <p>Tampilan setelah membuat .htaccess -&gt; <a href="http://localhost/code-pertama/welcome/percobaan">http://localhost/code-pertama/welcome/percobaan</a></p>
4	<p>Potongan code pada <b>Application/config</b></p> <pre>\$config['base_url'] = 'http://localhost/code-pertama/';</pre>
5	<p>Mengkosongkan isi dari index_page</p> <pre>\$config['index_page'] = '';</pre>

## Praktikum – Bagian 3: Membuat *Controller* Dan *View*

1	Mengganti base_url pada config <pre>\$config['base_url'] = 'http://localhost/code-kedua/';</pre>																								
2	Menginstall <i>extension ci-snippets2</i>  <table border="1"><thead><tr><th>Prefix</th><th>description</th></tr></thead><tbody><tr><td>anchor</td><td>CI - Anchor Helper</td></tr><tr><td>ci_base</td><td>CI - URL Helper - base_url</td></tr><tr><td>calendar</td><td>CI - Calendar Helper</td></tr><tr><td>cart_update</td><td>CI - Update Cart</td></tr><tr><td>eof</td><td>CI - End of file</td></tr><tr><td>cline</td><td>Comment Line</td></tr><tr><td>ci_start</td><td>CI - Generic Starter Class</td></tr><tr><td>construct</td><td>CI - Class Constructor</td></tr><tr><td>controller</td><td>CI - Base Controller</td></tr><tr><td>_cookie</td><td>CI - Cookie</td></tr><tr><td>crud</td><td>CI - Single CRUD Controller</td></tr></tbody></table>	Prefix	description	anchor	CI - Anchor Helper	ci_base	CI - URL Helper - base_url	calendar	CI - Calendar Helper	cart_update	CI - Update Cart	eof	CI - End of file	cline	Comment Line	ci_start	CI - Generic Starter Class	construct	CI - Class Constructor	controller	CI - Base Controller	_cookie	CI - Cookie	crud	CI - Single CRUD Controller
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3	Membuat <i>Controller</i> Home lalu di isi dengan  <pre>1 &lt;?php 2 defined('BASEPATH') OR exit('No direct script access allowed'); 3 4 class Home extends CI_Controller { 5 6     public function index() 7     { 8         # code ... 9     } 10 11 } 12 13 /* End of file Home.php */ 14 15 ?&gt;</pre>																								
4	Isi Home/index() dengan <pre>echo "Selamat Datang di Halaman Home";</pre>																								
5	Tampilan pada <a href="http://localhost/code-kedua/">http://localhost/code-kedua/</a> Selamat Datang di Halaman Home																								

6	<p>Merubah default_controller dari 'welcome' menjadi 'home'</p> <pre>\$route['default_controller'] = 'home';</pre>
7	<p>Tampilan Home/index</p> <p>Selamat Datang di Halaman Home</p> <pre>&lt;!DOCTYPE html&gt; &lt;html lang="en"&gt; &lt;head&gt;   &lt;meta charset="UTF-8"&gt;   &lt;meta name="viewport" content="width=device-width, initial-scale=1.0"&gt;   &lt;title&gt;Home&lt;/title&gt; &lt;/head&gt; &lt;body&gt;   &lt;h1&gt;Ini adalah Halaman Home&lt;/h1&gt; &lt;/body&gt; &lt;/html&gt;</pre>
8	<p>Menambahkan pada fungsi index Controller Home</p> <pre>\$this-&gt;load-&gt;view('home/index');</pre>
9	<p>Halaman view home/index</p> <h1>Ini Adalah Halaman Home</h1>

10	<p>Setelah membuat Header.php dan Footer.php</p> <p>Pada Header.php</p> <pre> &lt;!doctype html&gt; &lt;html lang="en"&gt;   &lt;head&gt;     &lt;!-- Required meta tags --&gt;     &lt;meta charset="utf-8"&gt;     &lt;meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"&gt;      &lt;!-- Bootstrap CSS --&gt;     &lt;link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"&gt;      &lt;title&gt;&lt;?php echo \$title; ?&gt;&lt;/title&gt;   &lt;/head&gt;   &lt;body&gt; </pre> <p>Pada Footer.php</p> <pre>     &lt;!-- Optional JavaScript --&gt;     &lt;!-- jQuery first, then Popper.js, then Bootstrap JS --&gt;     &lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+9654zR85Clz4nStzALi2cg2A9hVnl8yG607U6ao7bB8cLH7VhuzS/Po" crossorigin="anonymous"&gt;&lt;/script&gt;     &lt;script src="https://cdn.jsdelivr.net/npm/popper.js@1.14.3/dist/umd/popper.min.js" integrity="sha384-eaPa5U3pv9ahwm740gLBpjJo+z9XigkZqYwPtAe4XWgtpV6W9LIYJwAA" crossorigin="anonymous"&gt;&lt;/script&gt;     &lt;script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="sha384-chDcxwzTz3Doxk9TjXAYunxU5dSg1Vl6PBa8xyuH8XgZyv2YB3Eq4pSb1Kix6U" crossorigin="anonymous"&gt;&lt;/script&gt;   &lt;/body&gt; &lt;/html&gt; </pre> <p>Pada Home/index.php</p> <pre> &lt;h1&gt;Hello, World!&lt;/h1&gt; </pre>
11	<p>Pada Controller Home fungsi index</p> <pre> \$this-&gt;load-&gt;view('template/header'); \$this-&gt;load-&gt;view('home/index'); \$this-&gt;load-&gt;view('template/footer'); </pre>
12	<p>Dalam Controller Home</p> <pre> \$data['title'] = "Home"; \$this-&gt;load-&gt;view('template/header', \$data); </pre>
13	<p>Dalam template/header.php</p> <pre> &lt;title&gt;&lt;?php echo \$title; ?&gt;&lt;/title&gt; </pre>

14	<p>Menambahkan navbar pada header</p> <pre> &lt;!-- navbar --&gt; &lt;nav class="navbar navbar-expand-lg navbar-light bg-light"&gt;   &lt;a class="navbar-brand" href="#"&gt;CI&lt;/a&gt;   &lt;button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navba     &lt;span class="navbar-toggler-icon"&gt;&lt;/span&gt;   &lt;/button&gt;   &lt;div class="collapse navbar-collapse" id="navbarNav"&gt;     &lt;ul class="navbar-nav"&gt;       &lt;li class="nav-item"&gt;         &lt;a class="nav-link" href="#"&gt;Home &lt;span class="sr-only"&gt;(current)&lt;/span&gt;&lt;/a&gt;       &lt;/li&gt;       &lt;li class="nav-item"&gt;         &lt;a class="nav-link" href="#"&gt;Data Mahasiswa&lt;/a&gt;       &lt;/li&gt;       &lt;li class="nav-item"&gt;         &lt;a class="nav-link" href="#"&gt;About&lt;/a&gt;       &lt;/li&gt;     &lt;/ul&gt;   &lt;/div&gt; &lt;/nav&gt; </pre>
15	<p>Tampilan ketika mengakses <a href="http://localhost/code-kedua/Home/index/Unero">http://localhost/code-kedua/Home/index/Unero</a></p> <div> CI   Home   Data Mahasiswa   About </div> <h1>Hello, Unero!</h1>

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Membuat Controller Mahasiswa

```
Mahasiswa.php X
application > controllers > Mahasiswa.php
1  <?php
2
3  defined('BASEPATH') OR exit('No direct script access allowed');
4
5  class Mahasiswa extends CI_Controller {
6
7      public function index()
8      {
9          $data['title'] = "List Mahasiswa";
10         $this->load->view('template/header', $data);
11         $this->load->view('mahasiswa/index');
12         $this->load->view('template/footer');
13     }
14
15 }
```

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Mengisi view pada mahasiswa/index

```
<div class="container">
    <div class="row mt-3">
        <div class="col-md-6">
            <h2>Daftar Mahasiswa</h2>
            <ul class="list-group">
                <li class="list-group-item">Cras</li>
                <li class="list-group-item">SASD</li>
                <li class="list-group-item">LOL</li>
                <li class="list-group-item">ASD</li>
                <li class="list-group-item">XXA</li>
            </ul>
        </div>
    </div>
</div>
```

## Daftar Mahasiswa

Cras
SASD
LOL
ASD
XXA

**SELESAI**