

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

**Mata Kuliah Pemrograman Web Lanjut**

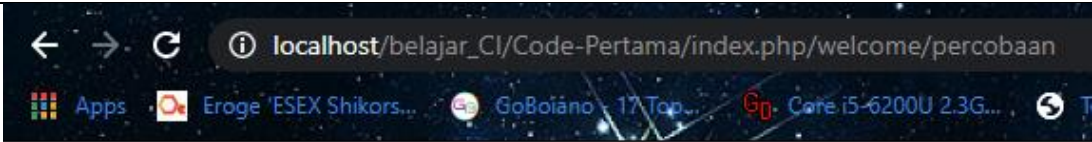
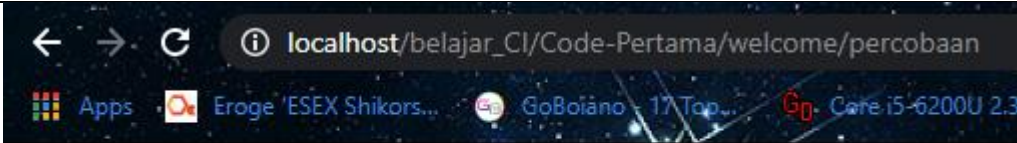


**Oleh :**

**ALAN PERDHANA TIMOR / NIM : 1841720187  
KELAS TI 2A**

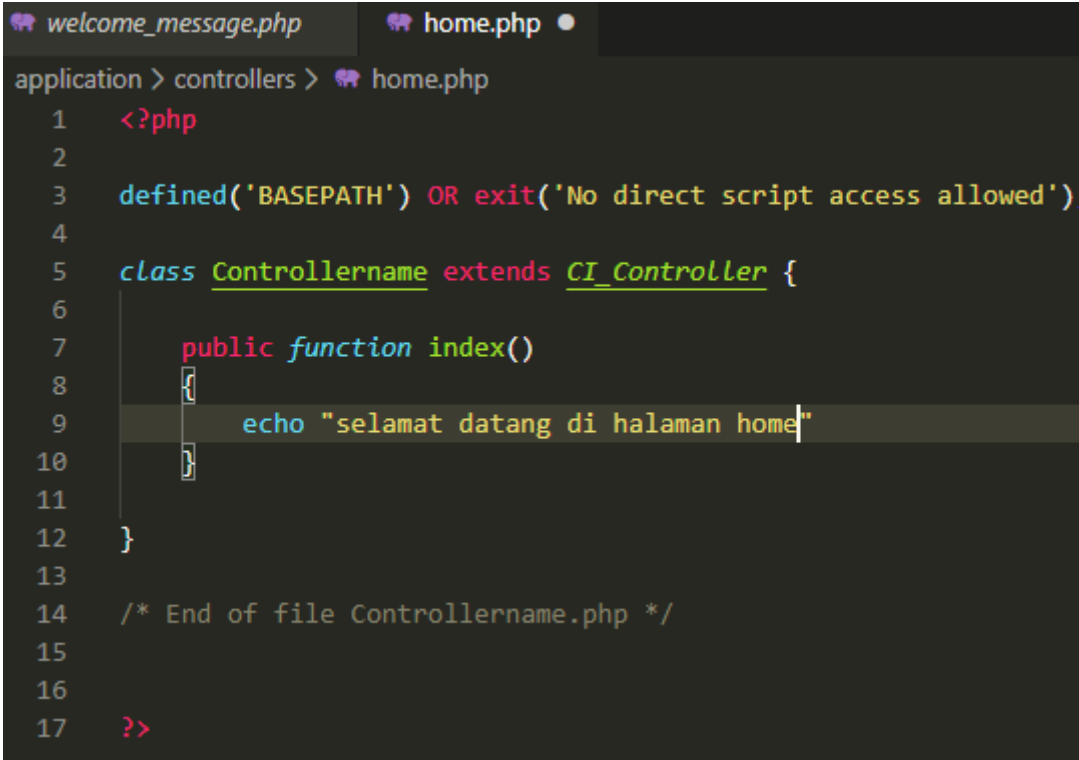
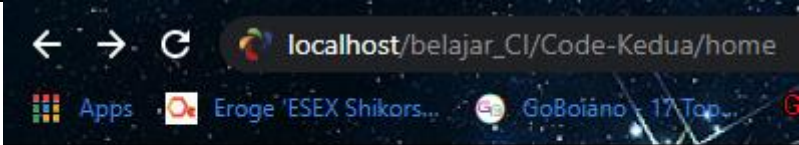
**PROGRAM STUDI TEKNIK INFORMATIKA  
JURUSAN TEKNOLOGI INFORMASI  
POLITEKNIK NEGERI MALANG  
2020**

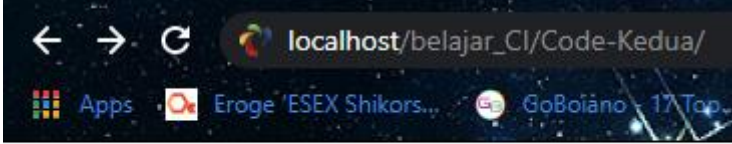
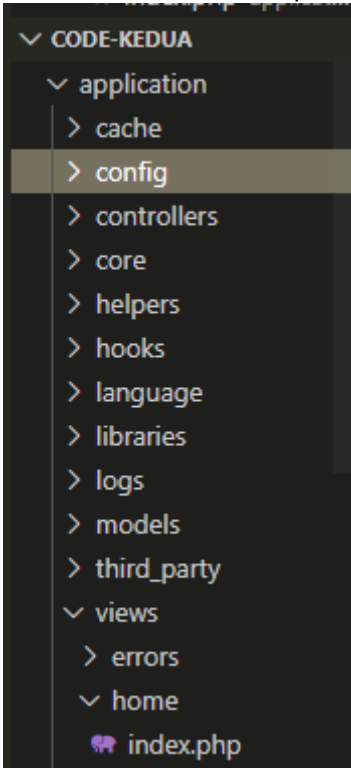
## Praktikum 2

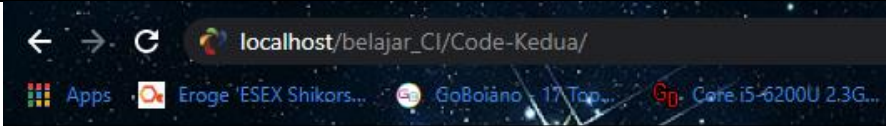

1	<p>Menambahkan function baru pada controller</p> <pre>21     public function index() 22     { 23         \$this-&gt;load-&gt;view('welcome_message'); 24     } 25 26     public function percobaan() 27     { 28         echo " ini adalah function percobaan"; 29     } 30 } 31</pre>
2	 <p>localhost/belajar_CI/Code-Pertama/index.php/welcome/percobaan</p> <p>ini adalah function percobaan</p>
3	<p>Menambahkan .htaccess pada code-pertama</p> <pre>.htaccess 1 RewriteEngine On 2 RewriteCond %{REQUEST_FILENAME} !-f 3 RewriteCond %{REQUEST_FILENAME} !-d 4 RewriteRule ^(.*)\$ index.php/\$1 [L]</pre>
4	 <p>localhost/belajar_CI/Code-Pertama/welcome/percobaan</p> <p>ini adalah function percobaan</p>
5	<p>Konfigurasi pada base_url dan menghapus pada index_page</p>

	<pre>     */   \$config['base_url'] = 'http://localhost/Code-Pertama';     /*   -----     Index File     -----         Typically this will be your index.php file, unless you've rename     something else. If you are using mod_rewrite to remove the page     variable so that it is blank.         */   \$config['index_page'] = ''; </pre>
--	--

### Praktikum 3

1	<p>Membuat Home pada controllers</p>  <pre> application &gt; controllers &gt; home.php 1  &lt;?php 2 3  defined('BASEPATH') OR exit('No direct script access allowed') 4 5  class Controllername extends CI_Controller { 6 7      public function index() 8      { 9          echo "selamat datang di halaman home" 10     } 11 12 } 13 14 /* End of file Controllername.php */ 15 16 17 ?&gt; </pre>
2	 <p>selamat datang di halaman home</p>
3	<p>Merupah pada folder <b>application/config/routes.php</b>  Pada <b>\$route['default_controller']="welcome"</b> rubah menjadi Home</p>

	<pre> 50   my-controller/my-method -&gt; my_controller 51 */ 52 \$route['default_controller'] = 'home'; 53 \$route['404_override'] = ''; 54 \$route['translate_uri_dashes'] = FALSE; 55 </pre>	
4	 <p>selamat datang di halaman home</p>	
5	<p>Membuat Folder <b>Home</b> pada <b>View</b></p> 	
6	<p>Buatlah index.php pada folder <b>Home</b></p> <pre> application &gt; views &gt; home &gt; index.php &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;Halaman home&lt;/title&gt; &lt;/head&gt; &lt;body&gt;   &lt;h1&gt; ini halaman home &lt;/h1&gt; &lt;/body&gt; &lt;/html&gt; </pre>	
7	Edit pada <b>controller</b> -> <b>Home.php</b>	

	<pre> application &gt; controllers &gt; home.php 1  &lt;?php 2 3  defined('BASEPATH') OR exit('No direct script access allowed'); 4 5  class home extends CI_Controller { 6 7      public function index() 8      { 9          echo "selamat datang di halaman home"; 10         \$this-&gt;load-&gt;view('home/inex'); 11     } 12 13 } 14 15 /* End of file Controllername.php */ 16 17 18  ?&gt; </pre>
8	 <p><b>Ini Halaman Home</b></p>
9	<p>Edit Halaman view -&gt; home -&gt; index.php menggunakan bootstrap  <a href="https://getbootstrap.com/docs/4.1/getting-started/introduction/#starter-template">https://getbootstrap.com/docs/4.1/getting-started/introduction/#starter-template</a></p> <pre> application &gt; views &gt; home &gt; index.php 1  &lt;!doctype html&gt; 2  &lt;html lang="en"&gt; 3  &lt;head&gt; 4      &lt;!-- Required meta tags --&gt; 5      &lt;meta charset="utf-8"&gt; 6      &lt;meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"&gt; 7 8      &lt;!-- Bootstrap CSS --&gt; 9      &lt;link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha384" 10 11      &lt;title&gt;Hello, world!&lt;/title&gt; 12  &lt;/head&gt; 13  &lt;body&gt; 14      &lt;h1&gt;Hello, world!&lt;/h1&gt; 15 16      &lt;!-- Optional JavaScript --&gt; 17      &lt;!-- jQuery first, then Popper.js, then Bootstrap JS --&gt; 18      &lt;script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVzpbzo5 19      &lt;script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="sha384-ZMP7rVo3mIykv 20      &lt;script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="sha384-ChfqxuZUCnJSK3+ 21  &lt;/body&gt; 22  &lt;/html&gt; </pre>
10	 <p><b>Hello, world!</b></p>
11	<p>Buat folder <b>template</b> buat <b>footer.php</b> dan <b>header.php</b></p>

- > third\_party
- ▼ views
  - > errors
  - ▼ home
  - 🐘 index.php
  - > mahasiswa
  - ▼ template
  - 🐘 footer.php
  - 🐘 header.php

Pindahkan header pada home -> index.html ke template -> header.php

```

1 <!doctype html>
2 <html lang="en">
3   <head>
4     <!-- Required meta tags -->
5     <meta charset="utf-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8     <!-- Bootstrap CSS -->
9     <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha384-
10
11     <title>Hello, world!</title>
12   </head>
13   <body>
14     <h1>Hello, world!</h1>

```

Pindahkan footer pada home -> index.html ke template -> footer.php

```

15
16   <!-- Optional JavaScript -->
17   <!-- jQuery first, then Popper.js, then Bootstrap JS -->
18   <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965Dz00rT7abK41JStQIAqVgRVz
19   <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js" integrity="sha384-ZMP7rVo3
20   <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js" integrity="sha384-ChfqqxuZUCn
21   </body>
22 </html>

```

Pada home -> index.html sisakan seperti ini

```

application > views > home > 🐘 index.php
1
2   <h1>Hello, world!</h1>
3
4

```

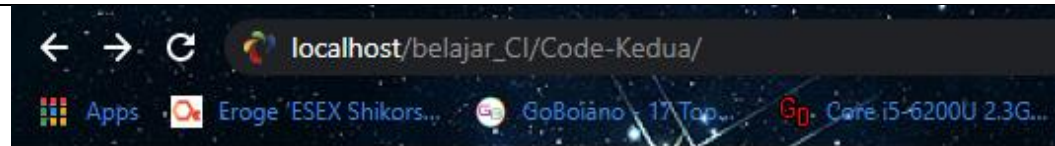
12 Edit pada controllers home.php urutkan berdasarkan footer dan header

```

5 class home extends CI_Controller {
6
7     public function index()
8     {
9         $this->load->view('template/header');
10        //echo "selamat datang di halaman home";
11        $this->load->view('home/index');
12        $this->load->view('template/footer');
13    }
14
15 }

```

13



# Hello, world!

```

Elements Console Sources Network Performance >>
<!doctype html>
<html lang="en">
  <head>...</head>
  ...<body> == $0
    <h1>Hello, world!</h1>
    <!-- Optional JavaScript -->
    <!-- jQuery first, then Popper.js, then Bootstrap JS -->
    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity=
    "sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
    crossorigin="anonymous"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/
    popper.min.js" integrity="sha384-
    ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/18WvCWPm49"
    crossorigin="anonymous"></script>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/
    bootstrap.min.js" integrity="sha384-
    ChfqqxZUCn3SK3+MXmPNIyE6Zbkh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
  
```

14

mengirimkan sebuah data ke halaman **view**

- Buka **view/home/header.php** tambahkan *code* berikut

```

application > views > template > header.php
1 <!doctype html>
2 <html lang="en">
3 <head>
4 <!-- Required meta tags -->
5 <meta charset="utf-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
7
8 <!-- Bootstrap CSS -->
9 <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" integrity="sha38
10
11 <!--title>Hello, world!</title-->
12 <title><?= $title ?></title>
13 </head>
14 <body>
15
16 <!-- navbar cuy -->

```

- Tambah \$data pada Home.php



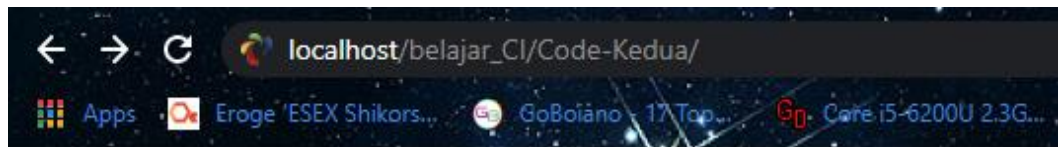
```
defined('BASEPATH') OR exit('No direct script access allowed');

class home extends CI_Controller {

    public function index()
    {
        $data['title']='home';
        $this->load->view('template/header',$data);
        //echo "selamat datang di halaman home";
        $this->load->view('home/index');
        $this->load->view('template/footer');
    }

}

/*home.php */
```



# Hello, world!

- Edit navbar dengan bootstrap dan edit agar menarik

```
15 <!-- navbar cuy -->
16 <nav class="navbar navbar-expand-lg navbar-light bg-light">
17     <div class="container">
18         <a class="navbar-brand" href="#">CI</a>
19         <button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="
20             <span class="navbar-toggler-icon"></span>
21         </button>
22         <div class="collapse navbar-collapse" id="navbarNav">
23             <ul class="navbar-nav">
24                 <li class="nav-item active">
25                     <a class="nav-link" href="#">Home <span class="sr-only">(current)</span></a>
26                 </li>
27                 <li class="nav-item">
28                     <a class="nav-link" href="#">Data mahasiswa</a>
29                 </li>
30                 <li class="nav-item">
31                     <a class="nav-link" href="#">About</a>
32                 </li>
33                 <li class="nav-item">
34                     <a class="nav-link disabled" href="#">Disabled</a>
35                 </li>
36             </ul>
37         </div>
38     </div>
39 </nav>
```

CI Home Data Mahasiswa About

# Hello, world!



- Tambahkan sebuah parameter pada index pada *controller* home

```

1  <?php
2
3  defined('BASEPATH') OR exit('No direct script access allowed');
4
5  class home extends CI_Controller {
6
7      //tambah parameter name pada index
8
9      public function index($name='')
10     {
11         $data['title']='home';
12         //$data adalah sebuah array dengan isi arraynya adalah n
13         $data['name']= $name;
14         $this->load->view('template/header',$data);
15         //echo "selamat datang di halaman home";
16         $this->load->view('home/index',$data);
17         $this->load->view('template/footer');
18     }
19
20 }

```

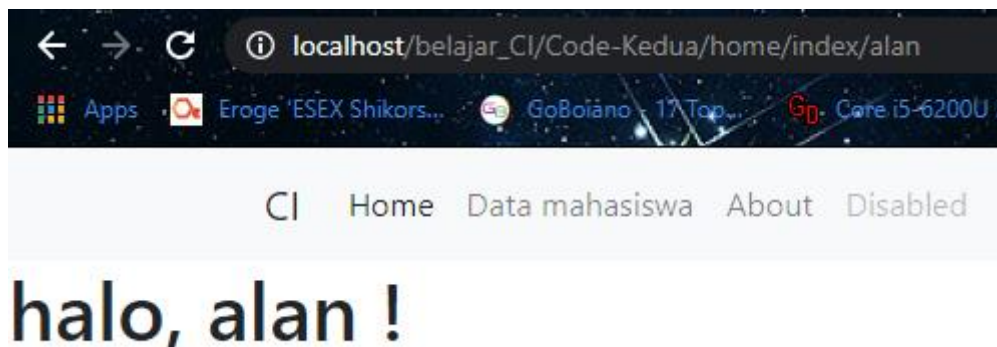
- Tambahkan *code* berikut pada **views/home/index.php**

```

application > views > home > index.php
1
2  <h1>halo, <?= $name ?> ! </h1>
3
4

```

- 



- 16 Menambahkan sebuah *controller* mahasiswa yang nantinya digunakan untuk proses create, update dan delete.

- Buat sebuah *controller* dengan nama mahasiswa pada folder *controller*

```

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
16 }
17
18 /* End of file Controllername.php */
19

```

- Pada folder **View** buatlah **mahasiswa/index.php**

```

v views
  > errors
v home
  🐘 index.php
v mahasiswa
  🐘 index.php
v template
  🐘 footer.php
  🐘 header.php
  ≡ index.html
  🐘 welcome_message...

```

- Code **view/mahasiswa/index.php**

application > views > mahasiswa > index.php

```
1 <div class="container">
2 <!-- mt-3 artinya margin top 3 -->
3 <div class="row mt-3">
4   <div class="col-md-6">
5     <h2>Daftar Mahasiswa</h2>
6
7     <ul class="list-group">
8       <li class="list-group-item">Cras justo odio</li>
9       <li class="list-group-item">Dapibus ac facilisis ins</li>
10      <li class="list-group-item">Morbi leo risus</li>
11      <li class="list-group-item">Porta ac consectetur ac</li>
12      <li class="list-group-item">vestibulum at eros</li>
13    </ul>
14  </div>
15 </div>
16 </div>
17 </div>
```

