

TUGAS

Jobsheet-2: Read dan Input Database serta Form Validation

Mata Kuliah Pemrograman Web Lanjut



Oleh :

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

1.

```
1  <?php
2
3
4  defined('BASEPATH') OR exit('No direct script access allowed');
5
6  class mahasiswa extends CI_Controller {
7      public function __construct(){
8          parent::__construct();
9          $this->load->database();
10     }
11     public function index()
12     {
13         $this->load->database();
14         $data['title']='List Mahasiswa';
15         $this->load->view('template/header');
16         $this->load->view('mahasiswa/index');
17         $this->load->view('template/footer');
18     }
19 }
20
21 }
```

2.

```
51 /
52 / Prototype:
53 /
54 / $autoload['libraries'] = array('database', 'email', 'session');
55 /
56 / You can also supply an alternative library name to be assigned
57 / in the controller:
58 /
59 / $autoload['libraries'] = array('user_agent' => 'ua');
60 */
61 $autoload['libraries'] = array('database');
62
63 /*
64 / -----
65 / Auto-load Drivers
66 / -----
67 / These classes are located in system/libraries/ or in your
68 / application/libraries/ directory, but are also placed inside their
69 / own subdirectory and they extend the CI_Driver_Library class. They
70 / offer multiple interchangeable driver options.
71 /
72 / Prototype:
```

3.

```

4  defined('BASEPATH') OR exit('No direct script access allowed');
5
6  class mahasiswa extends CI_Controller {
7      // public function __construct(){
8      //     parent::__construct();
9      //     $this->load->database();
10     // }
11     // public function index()
12     // {
13

```

4.

```

73  $active_group = 'default';
74  $query_builder = TRUE;
75
76  $db['default'] = array(
77      'dsn' => '',
78      'hostname' => 'localhost',
79      'username' => 'root',
80      'password' => 'mysql',
81      'database' => 'kuliah_CI',
82      'dbdriver' => 'mysqli',
83      'dbprefix' => '',
84      'pconnect' => FALSE,
85      'db_debug' => (ENVIRONMENT !== 'production'),
86      'cache_on' => FALSE,
87      'cachedir' => '',
88      'char_set' => 'utf8',
89      'dbcollat' => 'utf8_general_ci',
90      'swap_pre' => '',
91      'encrypt' => FALSE,
92      'compress' => FALSE,
93      'stricton' => FALSE,
94      'failover' => array(),
95      'save_queries' => TRUE
96  );
97

```

5.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(30)			No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	nama	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 3	nim	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 4	email	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/> 5	jurusan	varchar(50)	utf8mb4_general_ci		No	None			Change Drop More

6.	<div> + Options </div>
7.	<pre> 1 <?php 2 3 4 defined('BASEPATH') OR exit('No direct script access allowed'); 5 6 class mahasiswa extends CI_Controller { 7 public function GetAllmahasiswa(){ 8 // \$query=\$this->db->get('mahasiswa'); 9 10 return \$this->db->get('mahasiswa')->result_array(); 11 } 12 } 13 14 } 15 16 /* End of file Home.php */ 17 ?> </pre>
8.	<pre> public function index() { // \$this->load->database(); \$data['title']='List Mahasiswa'; \$data['mahasiswa']=\$this->mahasiswa_model->getAllmahasiswa(); \$this->load->view('template/header',\$data); \$this->load->view('mahasiswa/index',\$data); \$this->load->view('template/footer'); } </pre>
9.	<pre> 1 <?php 2 var_dump(\$mahasiswa); 3 ?> 4 <div class="container"> 5 <div class="row mt-3"> 6 <div class="col-md-6"> 7 <h2>Daftar Mahasiswa</h2> 8 <ul class="list-group"> </pre>

10.

CI Home Data Mahasiswa About

C:\Program Files\Ampss\www\Code_Kedua\application\views\mahasiswa\index.php:2:

```
array (size=3)
  0 =>
    array (size=5)
      'id' => string '1' (Length=1)
      'nama' => string 'Brian Ananda' (Length=12)
      'nim' => string '1841720120' (Length=10)
      'email' => string 'brianananda149@gmail.com' (Length=24)
      'jurusan' => string 'D-4 Informatika' (Length=15)
  1 =>
    array (size=5)
      'id' => string '2' (Length=1)
      'nama' => string 'Romi Juliansyah' (Length=15)
      'nim' => string '1841720055' (Length=10)
      'email' => string 'romiswan@gmail.com' (Length=18)
      'jurusan' => string 'D-4 Informatika' (Length=15)
  2 =>
    array (size=5)
      'id' => string '3' (Length=1)
      'nama' => string 'Husein Atlanta' (Length=14)
      'nim' => string '1841720133' (Length=10)
      'email' => string 'huseinatlanta@gmail.com' (Length=23)
      'jurusan' => string 'D-4 Informatika' (Length=15)
```

Daftar Mahasiswa

Cras justo odio

Dapibus ac facilisis

Morbi leo risus

Porta ac consectetur ac

Vestibulum at eros

dan hasilnya seperti pada gambar di atas.

11

```
1
2 <div class="container">
3 <div class="row mt-3">
4 <div class="col-md-6">
5 <h2>Daftar Mahasiswa</h2>
6 <ul class="list-group">
7   <?php foreach ($mahasiswa as $mhs):?>
8     <li class="list-group-item"><?= $mhs ['nama'];?></li>
9   <?php endforeach; ?>
10
11 </ul>
12 </div>
13 </div>
14 </div>
```

12	<div> <div> CI Home Data Mahasiswa About </div> <div> <h1>Daftar Mahasiswa</h1> <div> <div>Brian Ananda</div> <div>Romi Juliansyah</div> <div>Husein Atlanta</div> </div> </div> </div>
13	<pre> <div class="collapse navbar-collapse" id="navbarNavAltMarkup"> <div class="navbar-nav"> <a class="nav-item nav-link active" href="<?php=base_url();?>">Home (current) <a class="nav-item nav-link" href="<?php=base_url();?>">Data Mahasiswa <a class="nav-item nav-link" href="<?php=base_url();?>">About </pre>
14	<pre> 89 / 90 / \$autoload['helper'] = array('url', 'file'); 91 */ 92 \$autoload['helper'] = array(['url']); 93 94 /* </pre>
15	<div>membuat button Tambah Data</div> <pre> 2 <div class="container"> 3 <div class="row mt-4"> 4 <div class="col-md-6"> 5 Tambah Data 6 </div> 7 </div> </pre>

16

```
<?php

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

class mahasiswa extends CI_Controller {
    public function __construct(){
        parent::__construct();
        $this->load->database();
    }
    public function index()
    {

        $this->load->model('mahasiswa_model');
        // $this->load->database();
        $data['title']='List Mahasiswa';
        $data['mahasiswa']=$this->mahasiswa_model->getAllmahasiswa();
        $this->load->view('template/header',$data);
        $this->load->view('mahasiswa/index',$data);
        $this->load->view('template/footer');

    }
}
```

17

```
public function tambah(){
    $data['title']='Form Menambahkan Data Mahasiswa';
    $this->load->view('template/header',$data);
    $this->load->view('mahasiswa/tambah',$data);
    $this->load->view('template/footer');

}
```

function tambah

18	<pre> <div class="container"> <div class="row mt-3"> <div class="col-md-6"> <div class="card"> <div class="card-header"> Form Tambah Data Mahasiswa </div> <div class="card-body"> <form action="" method="post"> <div class="form-group"> <label for="nama">Nama</label> <input type="text" class="form-control" id="nama"> </div> <div class="form-group"> <label for="nim">NIM</label> <input type="text" class="form-control" id="nim"> </div> <div class="form-group"> <label for="email">Email</label> <input type="text" class="form-control" id="email"> </div> <div class="form-group"> <label for="jurusan">Jurusan</label> <select class="form-control" name="jurusan" id="jurusan"> <option selected>-----</option> <option value="Teknologi Informasi ">Teknologi Informasi</option> <option value="Teknik Mesin">Teknik Mesin</option> <option value="Teknik Elektro">Teknik Elektro</option> </select> </div> <button type="submit" name="submit" class="btn btn-primary float-right">Submit</button> </form> </div> </div> </div> </div> </div> </pre>
19	<pre> <select class="form-control" name="jurusan" id="jurusan"> <option selected>-----</option> <option value="Teknologi Informasi ">Teknologi Informasi</option> <option value="Teknik Mesin">Teknik Mesin</option> <option value="Teknik Elektro">Teknik Elektro</option> </select> </pre>

20	<div data-bbox="272 205 1230 275"> CI Home Data Mahasiswa About </div> <div data-bbox="272 300 1190 1108"> <div data-bbox="280 310 1182 384">Form Tambah Data Mahasiswa</div> <div data-bbox="305 426 386 457">Nama</div> <div data-bbox="310 474 1154 541"><input type="text"/></div> <div data-bbox="305 573 367 604">NIM</div> <div data-bbox="310 621 1154 688"><input type="text"/></div> <div data-bbox="305 720 378 751">Email</div> <div data-bbox="310 768 1154 835"><input type="text"/></div> <div data-bbox="305 867 402 898">Jurusan</div> <div data-bbox="310 915 1154 982"><input type="text"/></div> <div data-bbox="1024 1003 1154 1073">Submit</div> </div>
21	<pre> 1 2 <div class="container"> 3 <div class="row mt-4"> 4 <div class="col-md-6"> 5 <a href="<? base_url();?>mahasiswa/tambah" class="btn btn-primary">Tambah Data 6 </div> 7 </div> 8 <div class="row mt-3"> 9 <div class="col-md-6"> 10 <h2>Daftar Mahasiswa</h2> 11 <ul class="list-group"> 12 <?php foreach (\$mahasiswa as \$mhs):?> 13 <li class="list-group-item"><?= \$mhs ['nama'];?> 14 <?php endforeach; ?> 15 16 </div> 17 </div> 18 </div> 19 </div> </pre>

22	<pre> } public function tambah() { \$data['title']='Form Menambahkan Data Mahasiswa'; \$this->form_validation->set_rules('nama', 'nama', 'required'); if(\$this->form_validation->run()==FALSE){ \$this->load->view('template/header',\$data); \$this->load->view('mahasiswa/tambah',\$data); \$this->load->view('template/footer'); }else{ echo "data berhasil ditambah"; } } </pre>
23	<pre> </div> <div class="card-body"> <?php validation_errors() ?> <form action="" method="post"> <div class="form-group"> </pre>
24	<div data-bbox="269 888 1247 961"> CI Home Data Mahasiswa About </div> <div data-bbox="324 987 1195 1749"> <div>Form Tambah Data Mahasiswa</div> <div> <div>Nama</div> <input type="text"/> </div> <div> <div>NIM</div> <input type="text"/> </div> <div> <div>Email</div> <input type="text"/> </div> <div> <div>Jurusan</div> <div>----- ▾</div> </div> <div>Submit</div> </div>

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Form Tambah Data Mahasiswa

The nama field is required.

Nama

NIM

Email

Jurusan

26

```
public function tambah()
{
    $data['title']='Form Menambahkan Data Mahahiswa';

    $this->form_validation->set_rules('nama', 'nama', 'required');
    $this->form_validation->set_rules('nim', 'nim', 'required');
    $this->form_validation->set_rules('email', 'email', 'required');
```

Form Tambah Data Mahasiswa

The nama field is required.

The nim field is required.

The email field is required.

Nama

NIM

Email

Jurusan

Submit

Form Tambah Data Mahasiswa

The email field is required.

Nama

violet

NIM

1841720188

Email

Jurusan

Teknologi Informasi ▼

Submit

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Form Tambah Data Mahasiswa

The nim field is required.

Nama

violet

NIM

1841720188

Email

violet@gmail.com

Jurusan

Teknologi Informasi ▼

Submit

30

```

$data['title']='Form Menambahkan Data Mahahiswa';

$this->form_validation->set_rules('nama', 'Nama', 'required');
$this->form_validation->set_rules('nim', 'Nim', 'required|numeric');
$this->form_validation->set_rules('email', 'Email', 'required|valid_email');

if($this->form_validation->run()==FALSE){
    $this->load->view('template/header',$data);
    $this->load->view('mahasiswa/tambah',$data);
    $this->load->view('template/footer');
}else{
    $this->mahasiswa_model->tambahdatamhs();
    redirect('mahasiswa','refresh');
}
}

```

```
<?php

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

class mahasiswa_model extends CI_Model {

    public function getAllMahasiswa(){
        return $this->db->get('mahasiswa')->result_array();
    }

    public function tambahdatamhs() {
        $data=[
            "nama" => $this->input->post('nama',true),
            "nim" => $this->input->post('nim',true),
            "email" => $this->input->post('email',true),
            "jurusan" => $this->input->post('jurusan',true)
        ];
        $this->db->insert('mahasiswa',$data);
    }
}
```

Form Tambah Data Mahasiswa

Nama

yola

NIM

1841720141

Email

yola@gmail.com

Jurusan

Teknologi Informasi ▼

Submit

Tambah Data

Daftar Mahasiswa

Brian Ananda

Romi Juliansyah

Husein Atlanta

hendi

yola

