LAPORAN JOBSHEET 2 PEMROGRAMAN WEB LANJUT
Read dan Input Database serta Form Validation

Dibuat Oleh :

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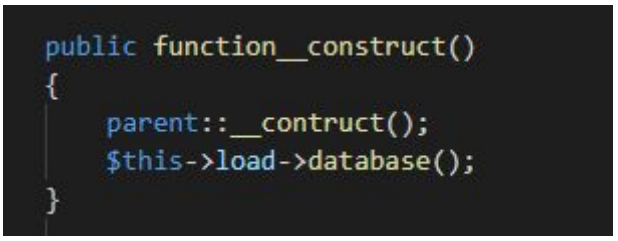
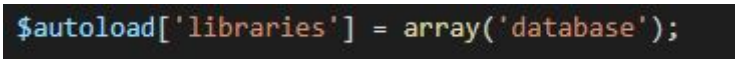
JURUSAN TEKNOLOGI INFORMASI,
PRODI D-IV TEKNIK INFORMATIKA
POLINEMA 2020/2021

Praktikum 1

No	Laporan
1	
2	
3	

4

```php
$active_group = 'default';
$query_builder = TRUE;

$db['default'] = array(
    'dsn'   => '',
    'hostname' => 'localhost',
    'username' => 'root',
    'password' => '',
    'database' => 'kuliah_CI',
    'dbdriver' => 'mysqli',
    'dbprefix' => '',
    'pconnect' => FALSE,
    'db_debug' => (ENVIRONMENT !== 'production'),
    'cache_on' => FALSE,
    'cachedir' => '',
    'char_set' => 'utf8',
    'dbcollat' => 'utf8_general_ci',
    'swap_pre' => '',
    'encrypt' => FALSE,
    'compress' => FALSE,
    'stricton' => FALSE,
    'failover' => array(),
    'save_queries' => TRUE
);
```

5

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(30)			No	None		AUTO_INCREMENT	Change Drop More
2	nama	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	nim	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
5	jurusan	varchar(50)	latin1_swedish_ci		No	None			Change Drop More

6

+ Options

	id	nama	nim	email	jurusan
Edit Copy Delete	1	Dina	1841720199	dina@gmail.com	Kimia
Edit Copy Delete	2	Dika	1841720187	Dika@gmail.com	Informatika
Edit Copy Delete	3	Soni	1841720154	Soni@gmail.com	Mesin

7

```php
<?php

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

class mahasiswa_model extends CI_Model {

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

}
```

8

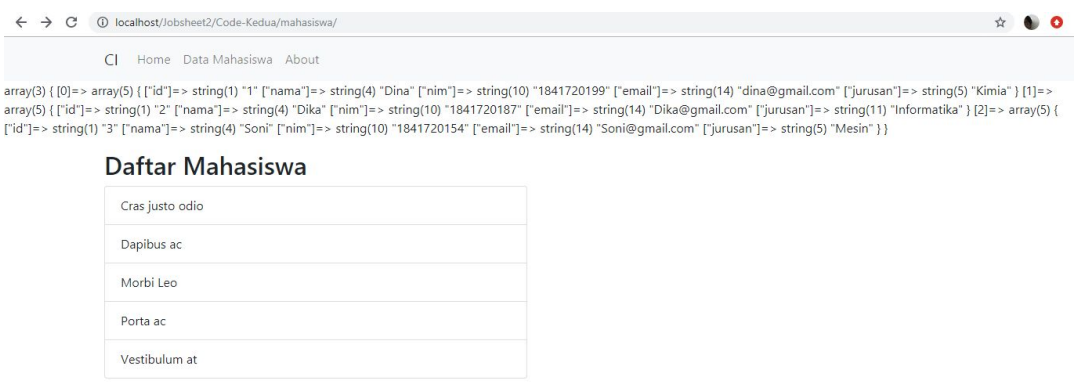
```php
public function index()
{
    $this->load->model('mahasiswa_model');
    //$this->load->database();
    $data['title']='List Mahasiswa';
    $data['mahasiswa']=$this->mahasiswa_model->getAllmahasiswa();
    $this->load->view('template/header',$data);
    $this->load->view('Mahasiswa/index',$data);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

9

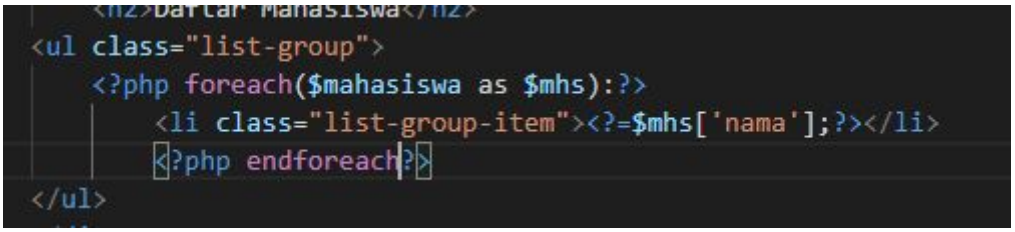
Jobsheet2 > Code-Kedua > application > views > Mahasiswa > index.php

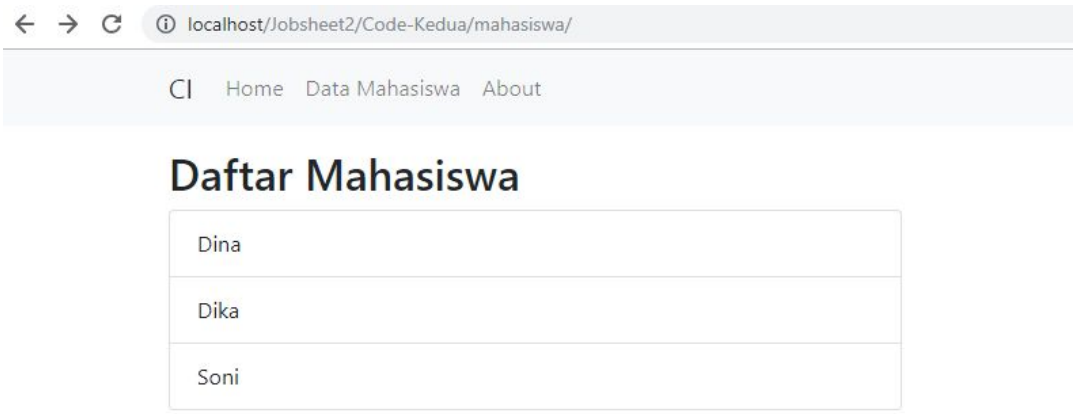
```php
<?php
    var_dump($mahasiswa);
?>

<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 justo odio</li>
            <li class="list-group-item">Dapibus ac</li>
            <li class="list-group-item">Morbi Leo</li>
            <li class="list-group-item">Porta ac</li>
            <li class="list-group-item">Vestibulum at</li>
        </ul>
        </div>
    </div>
</div>
```

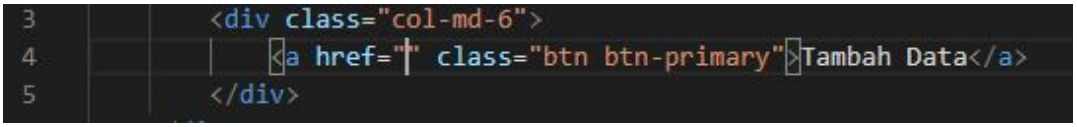
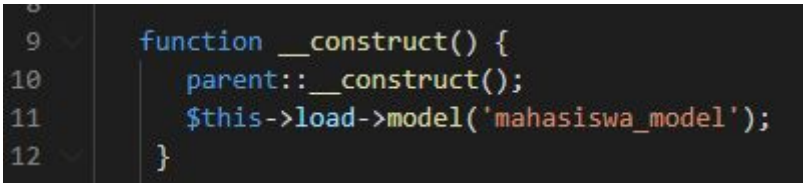
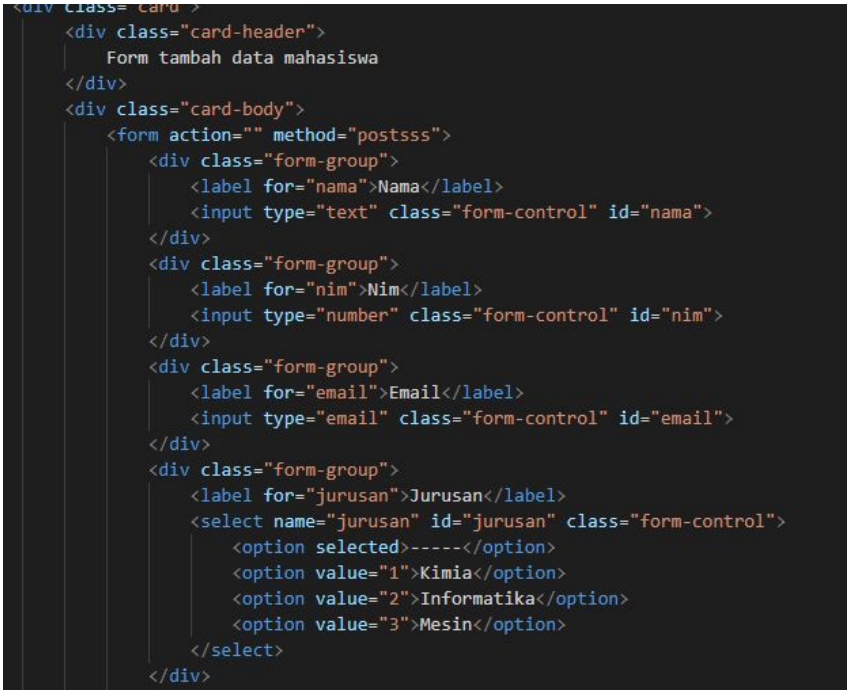

localhost/Jobsheet2/Code-Kedua/mahasiswa/
CI Home Data Mahasiswa About
array(3) { [0]=> array(5) { ["id"]=> string(1) "1" ["nama"]=> string(4) "Dina" ["nim"]=> string(10) "1841720199" ["email"]=> string(14) "dina@gmail.com" ["jurusan"]=> string(5) "Kimia" } [1]=> array(5) { ["id"]=> string(1) "2" ["nama"]=> string(4) "Dika" ["nim"]=> string(10) "1841720187" ["email"]=> string(14) "Dika@gmail.com" ["jurusan"]=> string(11) "Informatika" } [2]=> array(5) { ["id"]=> string(1) "3" ["nama"]=> string(4) "Soni" ["nim"]=> string(10) "1841720154" ["email"]=> string(14) "Soni@gmail.com" ["jurusan"]=> string(5) "Mesin" } }
Daftar Mahasiswa
Cras justo odio
Dapibus ac
Morbi Leo
Porta ac
Vestibulum at

10


<ul class="list-group">
<?php foreach($mahasiswa as $mhs):?>
<li class="list-group-item"><?=$mhs['nama'];?></li>
<?php endforeach?>
</ul>


localhost/Jobsheet2/Code-Kedua/mahasiswa/
CI Home Data Mahasiswa About
Daftar Mahasiswa
Dina
Dika
Soni

Praktikum 2

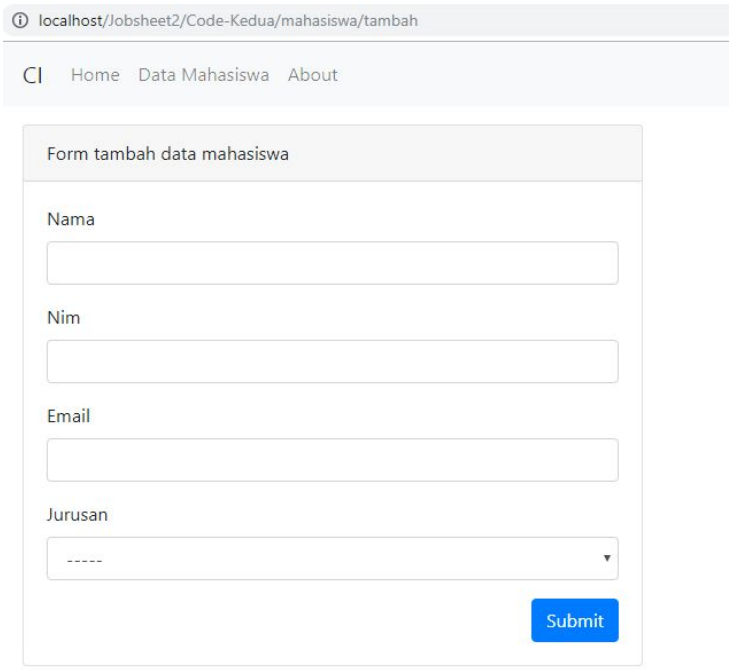
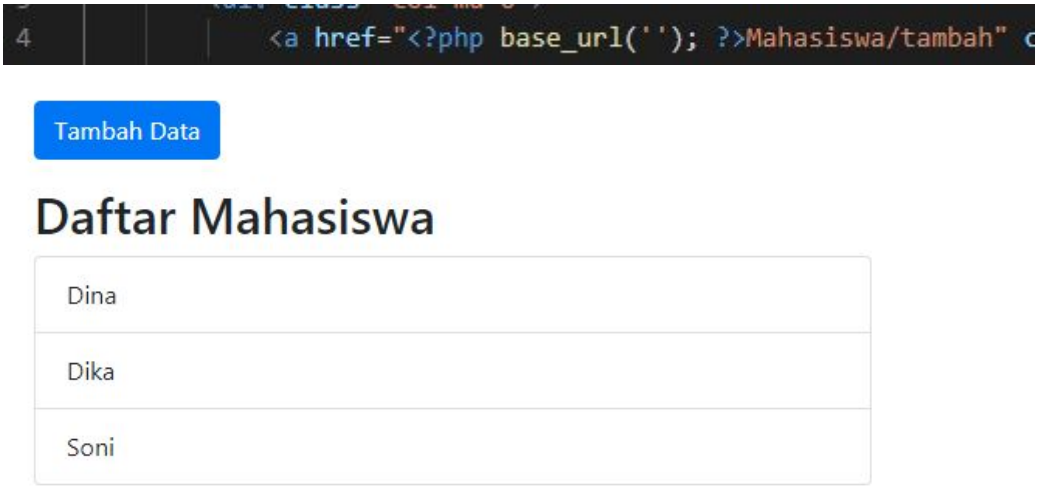
No	Laporan
1	
2	
3	
4	

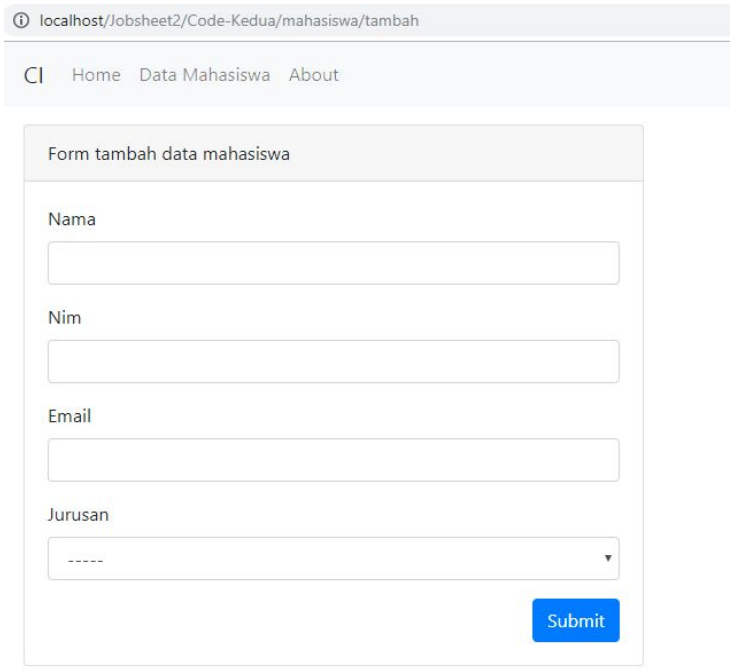
```
        <div class="col-md-6">
            <a href="" class="btn btn-primary">Tambah Data</a>
        </div>
```

```
function __construct() {
    parent::__construct();
    $this->load->model('mahasiswa_model');
}
```

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

```
<div class="card">
    <div class="card-header">
        Form tambah data mahasiswa
    </div>
    <div class="card-body">
        <form action="" method="postsss">
            <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="number" class="form-control" id="nim">
            </div>
            <div class="form-group">
                <label for="email">Email</label>
                <input type="email" class="form-control" id="email">
            </div>
            <div class="form-group">
                <label for="jurusan">Jurusan</label>
                <select name="jurusan" id="jurusan" class="form-control">
                    <option selected>-----</option>
                    <option value="1">Kimia</option>
                    <option value="2">Informatika</option>
                    <option value="3">Mesin</option>
                </select>
            </div>
```

5	 localhost/Jobsheet2/Code-Kedua/mahasiswa/tambah CI Home Data Mahasiswa About Form tambah data mahasiswa Nama Nim Email Jurusan ----- Submit
6	 <a href="<?php base_url(''); ?>Mahasiswa/tambah" Tambah Data Daftar Mahasiswa Dina Dika Soni



7

A. Membuat form validation pada controller **Mahasiswa.php**

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

B. Membuat atribute name pada view **Tambah.php**

```
<input type="text" class="form-control" id="nama" name="nama">
<input type="number" class="form-control" id="nim" name="nim">
<input type="email" class="form-control" id="email" name="email">
id="jurusan" class="form-control" name="jurusan">
```

C. Setelah membuat atribute name pada view **Tambah.php** lalu buat rule pada controller **Mahasiswa.php**

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

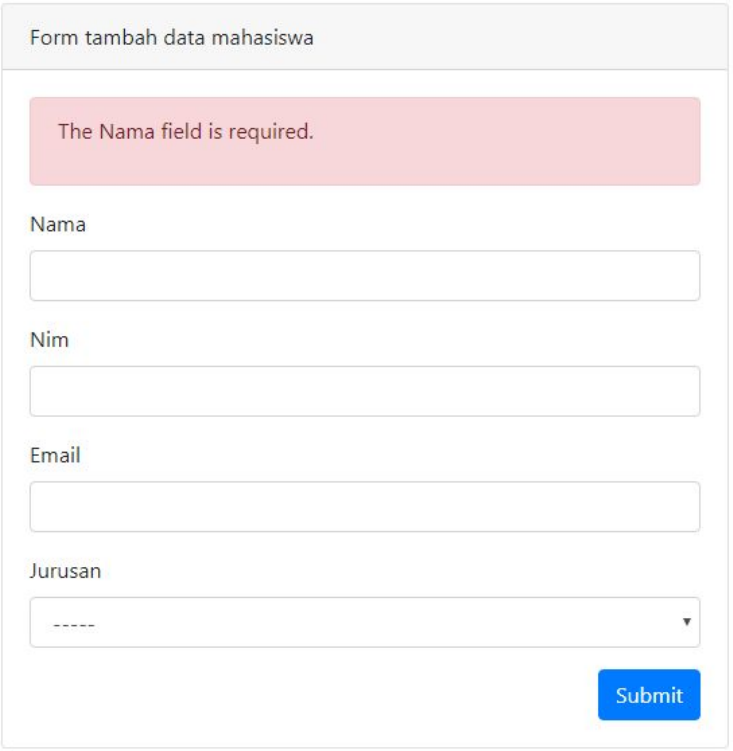
D. Lalu buat pesan error pada view **Tambah.php**

```
<?= validation_errors() ?>
```

E. Menambah form_validation pada autoload ‘libraries’

```
$autoload['libraries'] = array('database', 'form_validation');
```

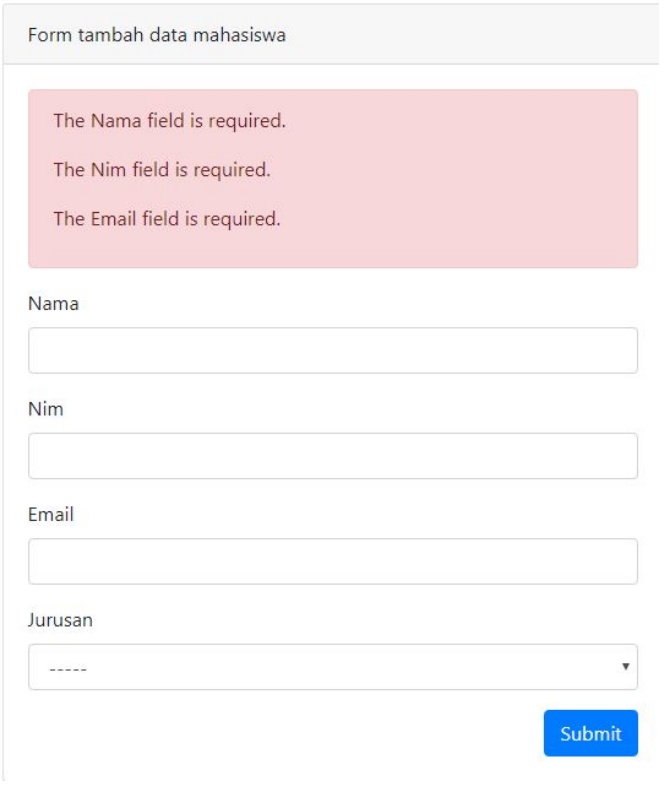
F. saat nama tidak diisi maka akan muncul peringatan



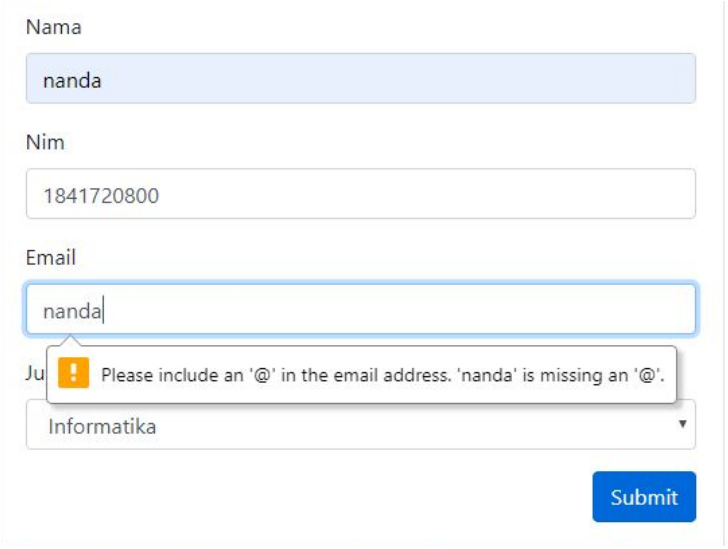
G. Lalu buat validation untuk nim dan email

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

H. saat nama,nim,dan email tidak diisi maka akan muncul peringatan



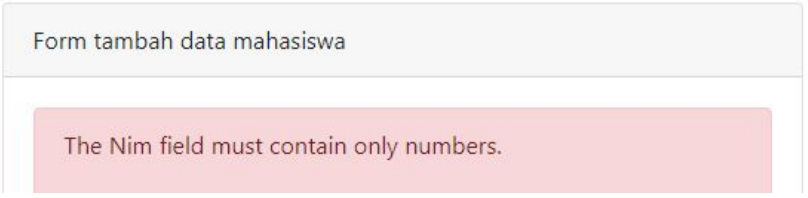
I. saat email tidak diisi dengan benar maka akan muncul peringatan



J. buat required untuk untuk nim dengan **'required|numeric'**

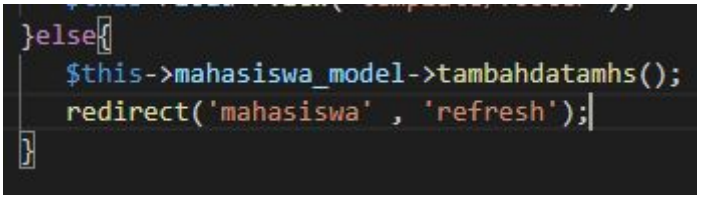
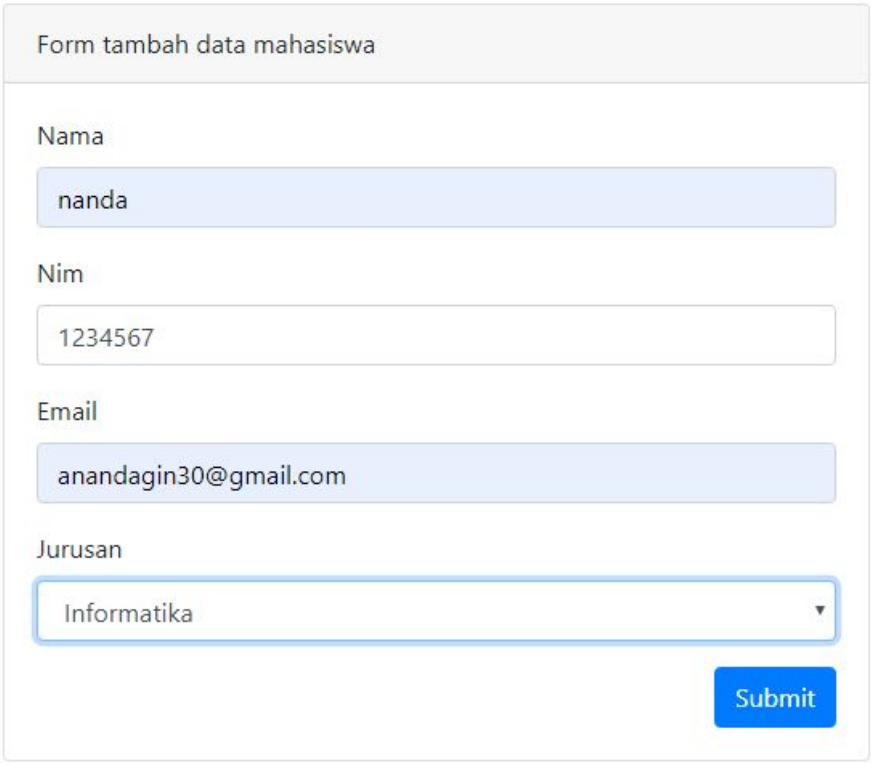
```
$this->form_validation->set_rules('nama','Nama','required');
$this->form_validation->set_rules('nim','Nim','required|numeric');
$this->form_validation->set_rules('email','Email','required|valid_email');
```

K. saat nim tidak diisi dengan angka maka akan muncul peringatan



L. Setelah semua data diisi dengan benar maka akan melanjutkan kehalaman lain yang menampilkan "data berhasil ditambah"

Prakikum 3

NO	Laporan
1	
2	Membuat controller untuk tambah data mahasiswa
3	

4	