**Codeigniter3**

**Simple Insert Data:**

**View : user.php**

<form method="post" action="<?php echo base\_url('user/insertUser'); ?>">

<label for="username">Username:</label>

<input type="text" name="username" id="username" />

<label for="email">Email:</label>

<input type="text" name="email" id="email" />

<label for="password">Password:</label>

<input type="password" name="password" id="password" />

<input type="submit" value="Submit" />

</form>

**Model : UserModel.php**

<?php

class UserModel extends CI\_Model

{

public function \_\_construct()

{

parent::\_\_construct();

// Load the database library

$this->load->database();

}

public function insertUser($data)

{

$this->db->insert('users', $data);

return $this->db->insert\_id(); // Return the ID of the inserted user

}

}

**Controller: UserController.php**

<?php

class UserController extends CI\_Controller

{

public function \_\_construct()

{

parent::\_\_construct();

$this->load->model('UserModel');

}

public function index()

{

// Load a view with a form

$this->load->view('user'); //User registration form

}

public function insertUser()

{

// Collect user data from the form into an array

$data = [

'username' => $this->input->post('username'),

'email' => $this->input->post('email'),

'password' => password\_hash($this->input->post('password'), PASSWORD\_DEFAULT),

];

// Insert the user data into the database

$user\_id = $this->UserModel->insertUser($data);

if ($user\_id)

{

// User inserted successfully, you can redirect to a success page

}

else

{

// Handle the insertion error

}

}

}

**Routes : Form action using route**

$route['user/insertUser'] = 'UserController/insertUser';

<form method="post" action="<?php echo base\_url('user/insertUser'); ?>">

**Form action using ControllerName and MethodName**

Using ControllerName/methodName

<form method="post" action="<?php echo base\_url('UserController/insertUser'); ?>">