## Starting services

sudo service apache2 start

get ip

ip addr show eth0 | grep inet | awk '{ print $2; }' | sed 's/\/.\*$//'

Secure and start MySQL:

sudo usermod -d /var/lib/mysql/ mysql

sudo mysql\_secure\_installation

sudo service mysql start

To check Apache is running perfectly, open your browser and type: <http://localhost>

## Create new project

composer create-project codeigniter4/appstarter ci-news

This creates a new folder, ci-news, which contains your application code, with CodeIgniter installed in the vendor folder.

## Start the server

php spark serve

## install php extensions

sudo apt install php7.4-<extname>

to enable

phpenmod <name>

ap2enmod <name>

## Routes config

App/Config/Routes.php

## Form validation

<?= \Config\Services::validation()->listErrors() ?>

<form action=”/create” method=”post”>

<?= csrf\_field() ?>

<input type=”input” />

<input type=”submit” value=”Kirim” />

</form>

## Useful cheatsheet

### Showing url from var

<p><a href="<?php echo site\_url('news/'.$note\_item['slug']); ?>">View article</a></p>

### Return json as view in controller

$result['status\_code'] = '000';

                $result['status'] = 'Success';

echo json\_encode($result);