

LAPORAN TUGAS PERTEMUAN 2

PEMROGRAMAN WEB 2

Proses Instalasi dan Konfigurasi Codelgniter 4 di Windows

Dosen Pengampu : Muhammad Miftakhul Syaikh



Disusun oleh :

Ainan Salsabila (4122023)

PRODI SISTEM INFORMASI

**FAKULTAS SAINTEK UNIVERSITAS PESANTREN TINGGI
DARUL**

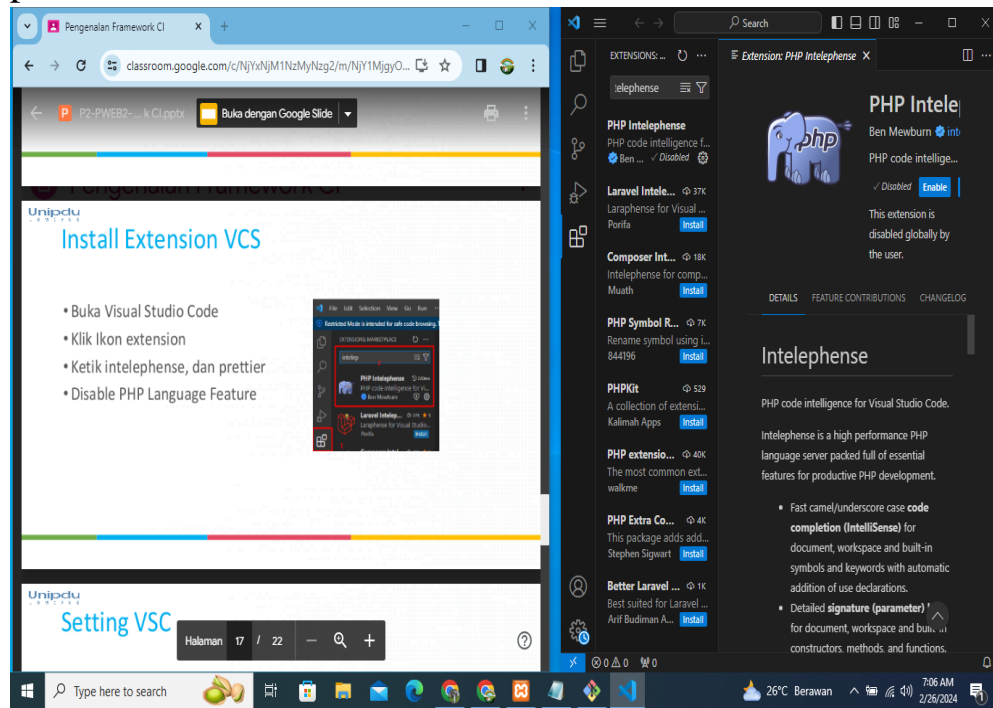
ULUM JOMBANG TAHUN AKADEMIK 2023/2024

1. Langkah pertama adalah menginstal beberapa aplikasi

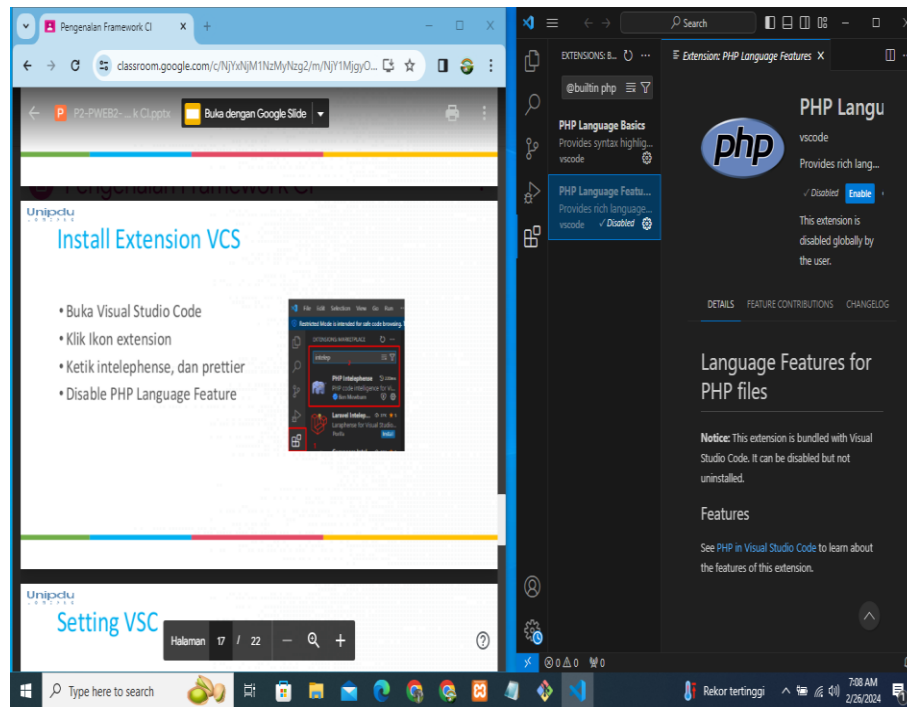
- Unduh xampp di <https://www.apachefriends.org/download.html> dan lakukan instalasi.
- Unduh composer di <https://getcomposer.org/Composer-Setup.exe> dan lakukan instalasi dan pilih direktori Php yang sudah terinstall.
- Unduh Visual Studio Code di <https://code.visualstudio.com/download> dan lakukan instalasi.
- Unduh Git Bash di <https://git-scm.com/downloads> dan lakukan instalasi.

2. Konfigurasi Visual Studio Code

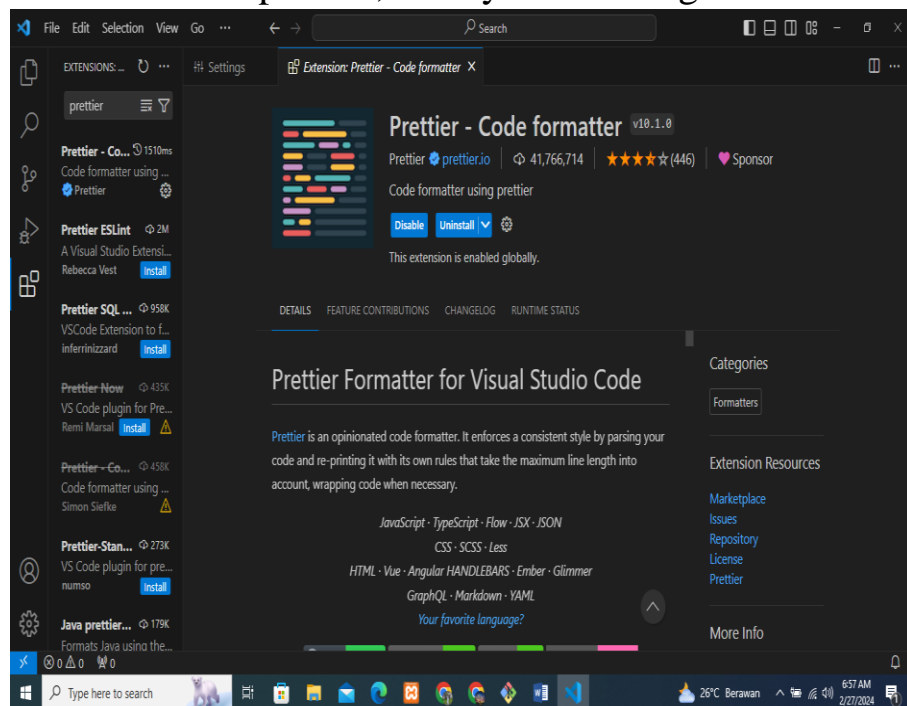
- a. Buka VS code dan Install ekstensi PHP intelephense dengan cara klik ikon extension lalu cari “php intelephense” pada kolom pencarian



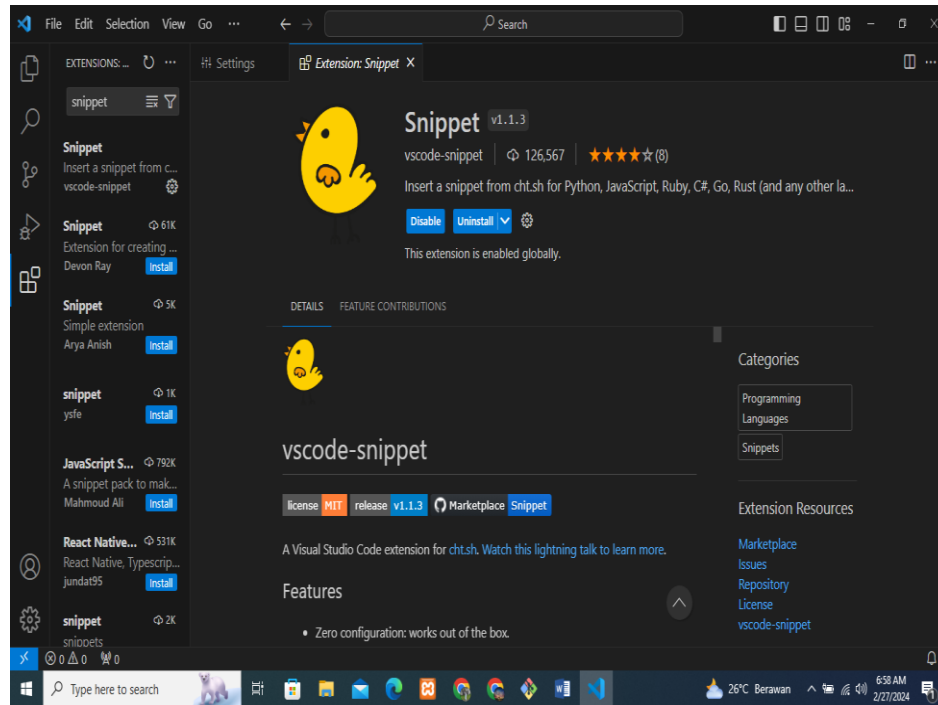
- b. Tetap di menu extension. Disable PHP Language Feature, dengan cara ketik “@builtin php” di kolom pencarian agar tidak bentrok dengan ekstensi PHP intelephense yang sudah kita install tadi.



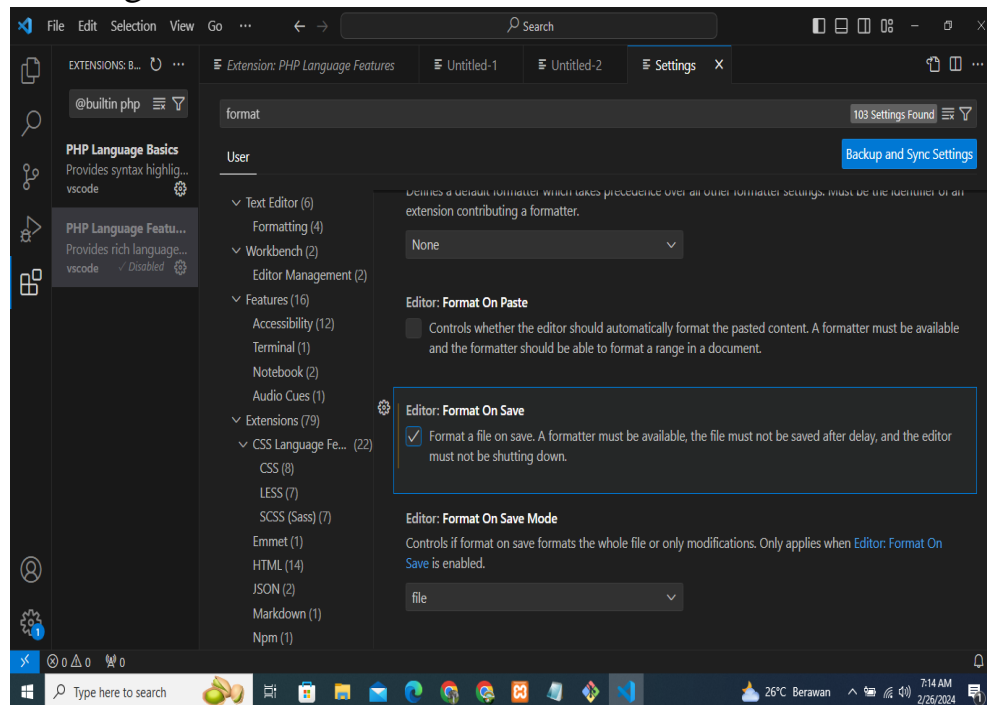
c. Install ekstensi prettier, caranya sama dengan cara diatas



d. Install ekstensi snippet, cara nya sama seperti diatas



- e. Setting VS Code: File > Preference > Setting . Ketik Format > Centang Format On Save



3. Cek hasil instalasi

1. Buka Git Bash
2. Ketik composer (cek instalasi composer)

[illegible]

- ### 3. Ketik `php -v` (cek versi php)

```
dependencies from the composer.lock file if present, or falls back on the composer.json
licenses Shows information about licenses of dependencies
list List commands
outdated Shows a list of installed packages that have updates available, including their latest version
prohibits [why-not] Shows which packages prevent the given package from being installed
reinstall Uninstalls and reinstalls the given package names
remove [rm] Removes a package from the require or require-dev
require [r] Adds required packages to your composer.json and installs them
run-script [run] Runs the scripts defined in composer.json
search Searches for packages
self-update [selfupdate] Updates composer.phar to the latest version
show [info] Shows information about packages
status Shows a list of locally modified packages
suggests Shows package suggestions
update [u|upgrade] Updates your dependencies to the latest version according to composer.json, and updates the composer.lock file
validate Validates a composer.json and composer.lock

user@DESKTOP-ARSRBLC MINGW32 ~
$ php-v
bash: php-v: command not found

user@DESKTOP-ARSRBLC MINGW32 ~
$ php -v
PHP 8.0.30 (cli) (built: Sep 1 2023 14:15:38)
( ZTS Visual C++ 2019 x64 )
Copyright (c) The PHP Group
Zend Engine v4.0.30, Copyright (c) Zend Technologies

user@DESKTOP-ARSRBLC MINGW32 ~
$ |
```

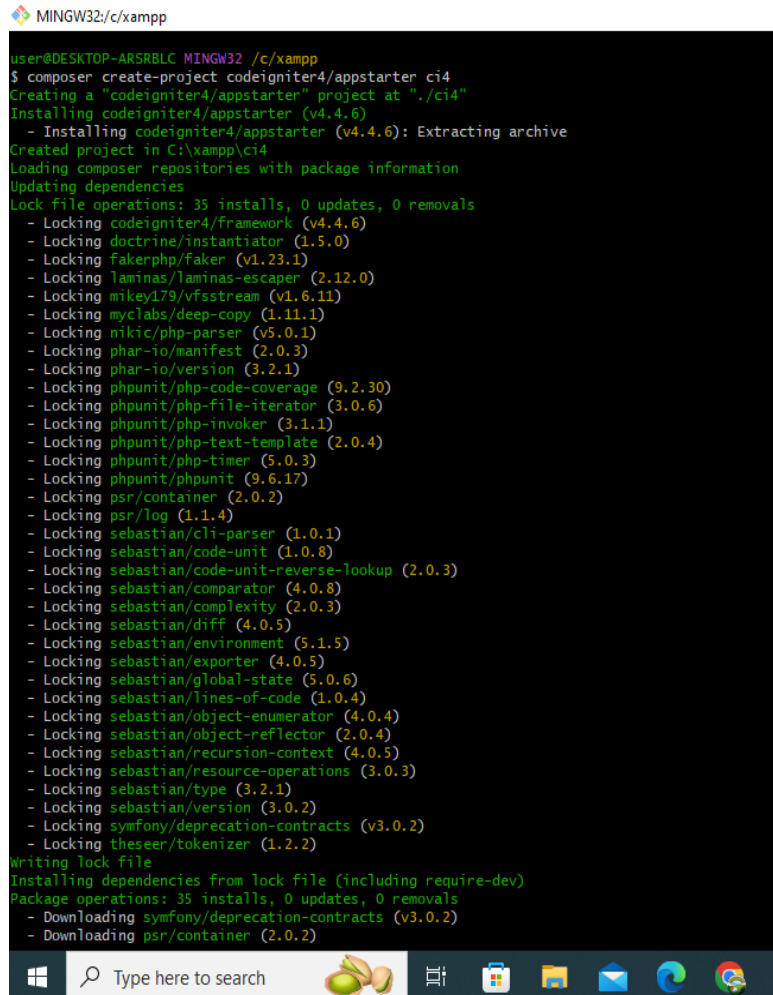
4. Instalasi CodeIgniter 4

- Buka folder xampp/htdocs
- Klik kanan > Klik Git Bash

- Ketik *composer create-project codeigniter4/appstarter project-root --no-dev*

5. Coba CodeIgniter 4

- Buka git bash di folder xampp/htdocs
- Ketik `cd project-root`
- Ketik *composer create-project codeigniter4/appstarter nama_folder*



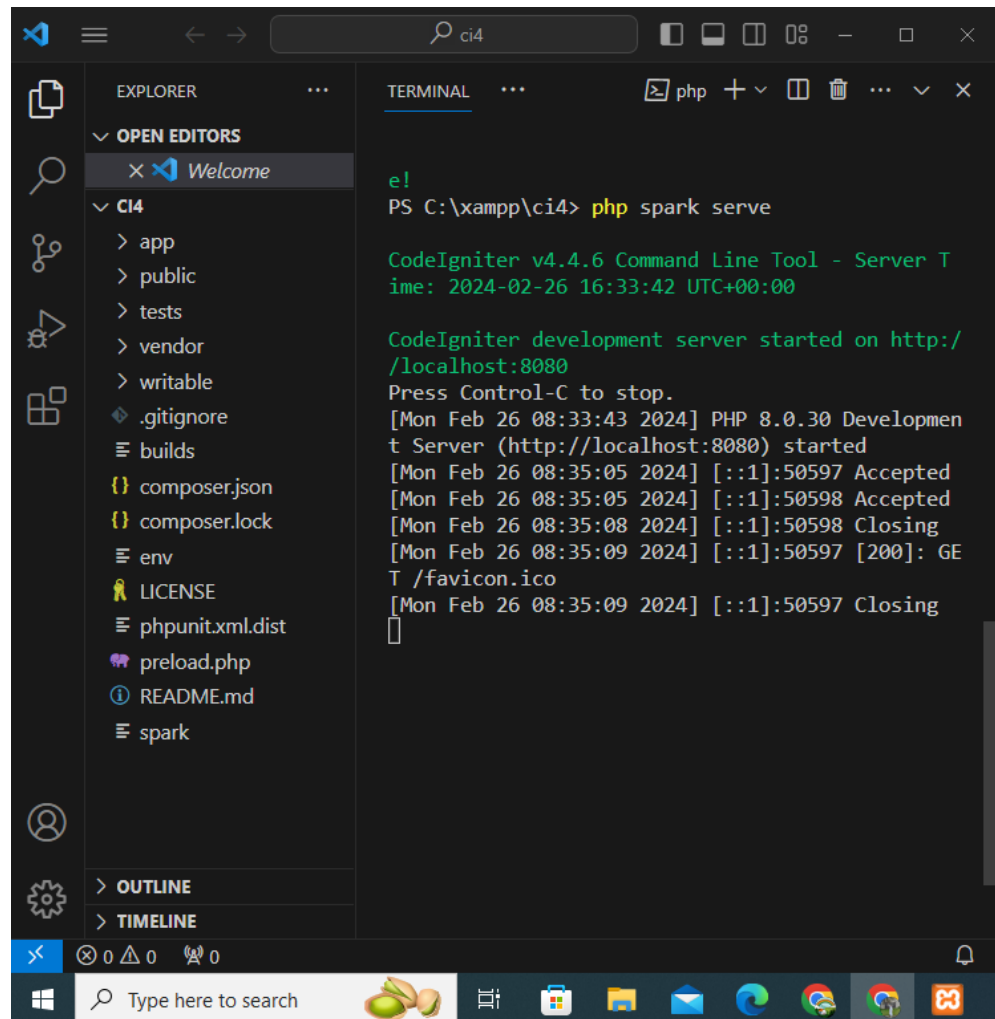
```

MINGW32/c/xampp
user@DESKTOP-ARSRBLC MINGW32 /c/xampp
$ composer create-project codeigniter4/appstarter ci4
Creating a "codeigniter4/appstarter" project at "./ci4"
Installing codeigniter4/appstarter (v4.4.6)
- Installing codeigniter4/appstarter (v4.4.6): Extracting archive
Created project in C:\xampp\ci4
Loading composer repositories with package information
Updating dependencies
Lock file operations: 35 installs, 0 updates, 0 removals
- Locking codeigniter4/framework (v4.4.6)
- Locking doctrine/instantiator (1.5.0)
- Locking fakerphp/faker (v1.23.1)
- Locking laminas/laminas-escaper (2.12.0)
- Locking mikey179/vfsstream (v1.6.11)
- Locking myclabs/deep-copy (1.11.1)
- Locking nikic/php-parser (v5.0.1)
- Locking phar-io/manifest (2.0.3)
- Locking phar-io/version (3.2.1)
- Locking phpunit/php-code-coverage (9.2.30)
- Locking phpunit/php-file-iterator (3.0.6)
- Locking phpunit/php-invoker (3.1.1)
- Locking phpunit/php-text-template (2.0.4)
- Locking phpunit/php-timer (5.0.3)
- Locking phpunit/phpunit (9.6.17)
- Locking psr/container (2.0.2)
- Locking psr/log (1.1.4)
- Locking sebastian/cli-parser (1.0.1)
- Locking sebastian/code-unit (1.0.8)
- Locking sebastian/code-unit-reverse-lookup (2.0.3)
- Locking sebastian/comparator (4.0.8)
- Locking sebastian/complexity (2.0.3)
- Locking sebastian/diff (4.0.5)
- Locking sebastian/environment (5.1.5)
- Locking sebastian/exporter (4.0.5)
- Locking sebastian/global-state (5.0.6)
- Locking sebastian/lines-of-code (1.0.4)
- Locking sebastian/object-enumerator (4.0.4)
- Locking sebastian/object-reflector (2.0.4)
- Locking sebastian/recursion-context (4.0.5)
- Locking sebastian/resource-operations (3.0.3)
- Locking sebastian/type (3.2.1)
- Locking sebastian/version (3.0.2)
- Locking symfony/deprecation-contracts (v3.0.2)
- Locking theseer/tokenizer (1.2.2)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 35 installs, 0 updates, 0 removals
- Downloading symfony/deprecation-contracts (v3.0.2)
- Downloading psr/container (2.0.2)
  
```

Pada tutorial ini, saya membuat folder project di **Desktop** dengan nama **ci4**.

- Setelah folder berhasil terbuat, buka folder tersebut dengan Visual Studio Code. Jika project telah terbuka, bukalah terminal di VS Code lalu ketik *composer install -vvv*

- Jika proses instalasi sudah selesai dilakukan, Anda dapat mengakses CodeIgniter 4 dengan menjalankan perintah : *php spark serve*



The screenshot shows the Visual Studio Code interface with the Explorer and Terminal panels. The Explorer panel on the left shows the project structure for 'CI4', including folders like 'app', 'public', 'tests', 'vendor', 'writable', and files like '.gitignore', 'composer.json', 'composer.lock', 'env', 'LICENSE', 'phpunit.xml.dist', 'preload.php', 'README.md', and 'spark'. The Terminal panel on the right shows the command prompt output for the 'php spark serve' command. The output indicates that the CodeIgniter v4.4.6 Command Line Tool - Server is running on http://localhost:8080. The terminal also shows several log messages from the PHP 8.0.30 Development Server, including 'Accepted' and 'Closing' messages, and a warning about a missing favicon.ico file.

```
e!
PS C:\xampp\ci4> php spark serve

CodeIgniter v4.4.6 Command Line Tool - Server T
ime: 2024-02-26 16:33:42 UTC+00:00

CodeIgniter development server started on http:/
localhost:8080
Press Control-C to stop.
[Mon Feb 26 08:33:43 2024] PHP 8.0.30 Developmen
t Server (http://localhost:8080) started
[Mon Feb 26 08:35:05 2024] [::1]:50597 Accepted
[Mon Feb 26 08:35:05 2024] [::1]:50598 Accepted
[Mon Feb 26 08:35:08 2024] [::1]:50598 Closing
[Mon Feb 26 08:35:09 2024] [::1]:50597 [200]: GE
T /favicon.ico
[Mon Feb 26 08:35:09 2024] [::1]:50597 Closing
```


- Selanjutnya, bukalah web browser Anda dan akses **localhost:8080**. Jika Halaman awal muncul seperti dibawah ini maka itu sudah berhasil.

