

LAPORAN TUGAS 1
Proses Instalasi dan Konfigurasi CodeIgniter 4



PEMROGRAMAN WEB 2

Disusun Oleh :

Dio Ananda Maulana Wijaya (4123031)

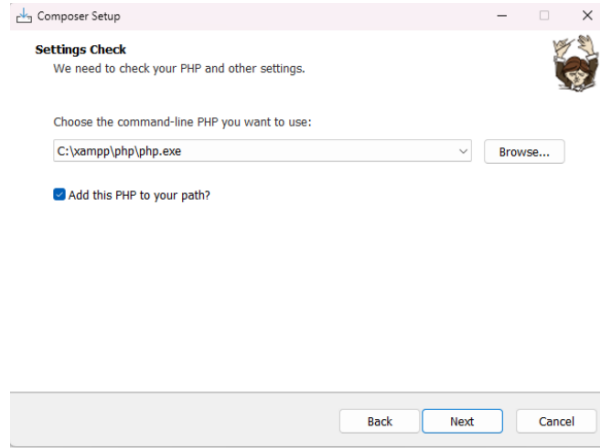
Dosen Pengampu :

Muhammad Miftakhul Syaikhuddin, S.Kom., M.Kom

PROGRAM STUDI SISTEM INFORMASI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PESANTREN TINGGI DARUL ‘ULUM
JOMBANG
2025

1. Menyiapkan keperluan bahan yang dibutuhkan :

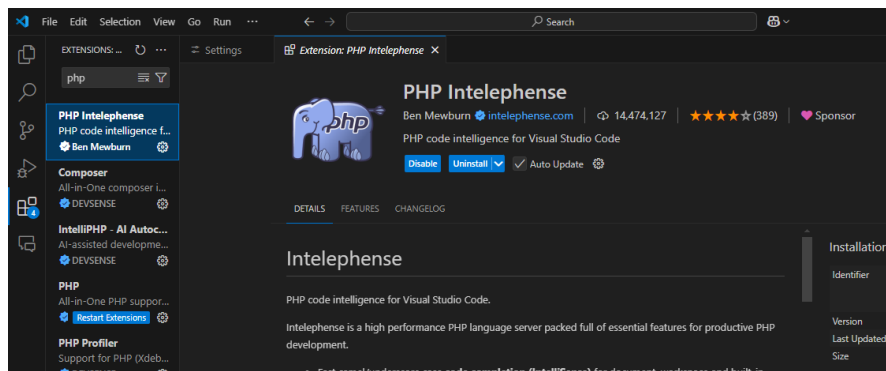
- a. Mengunduh XAMPP :
<https://www.apachefriends.org/download.html>. Setelah itu lakukan instalasi.
- b. Mengunduh Visual Studio Code :
<https://code.visualstudio.com/sha/download?build=stable&os=win32-x64-user>. Setelah itu lakukan instalasi.
- c. Mengunduh composer di :
<https://getcomposer.org/Composer-Setup.exe>.
Lakukan Instalasi => Pilih direktori PHP yang sudah di install sebelumnya.



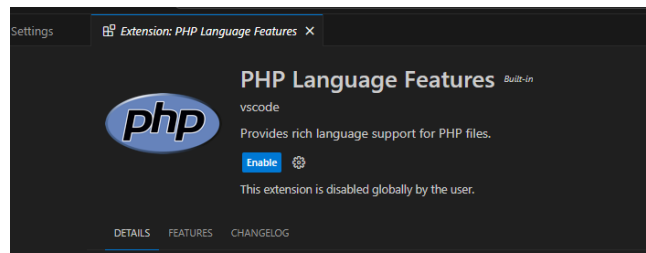
- d. Mengunduh Git Bash di :
<https://github.com/git-for-windows/git/releases/download/v2.44.0.windows.1/Git-2.44.0-64-bit.exe>. Setelah itu lakukan instalasi.

2. Mengkonfigurasi Visual Studio Code

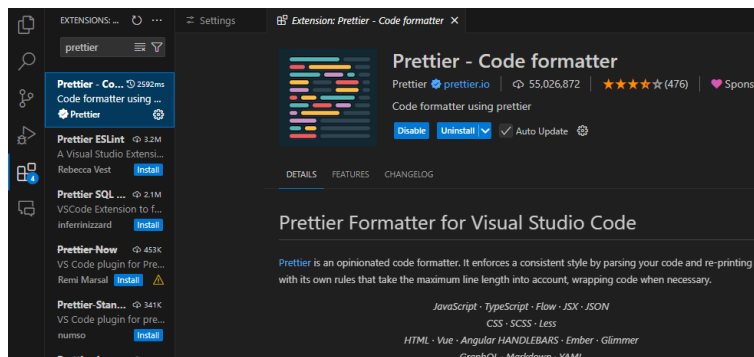
- a. Buka VS Code, setelah itu install ekstensi PHP intelphense dengan cara klik ikon extension lalu search “php intelphense” pada kolom pencarian. Selanjutnya klik enable dan klik install.



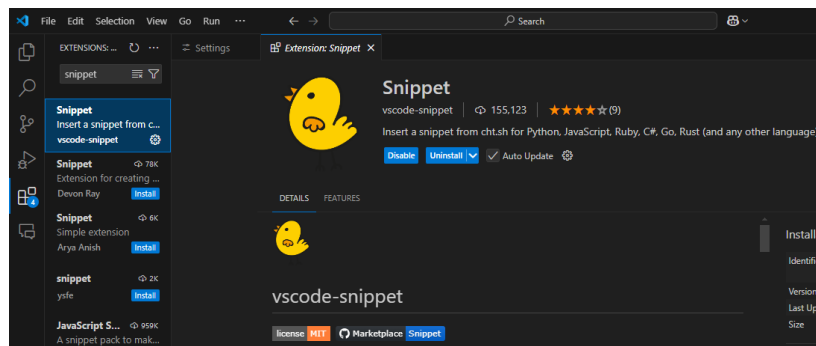
- b. Disable PHP Language Feature, dengan cara ketik “@builtinphp” dikolom searching tujuannya agar tidak terjadi bentrok dengan ekstensi PHP intelpense yang sudah kita install tadi.



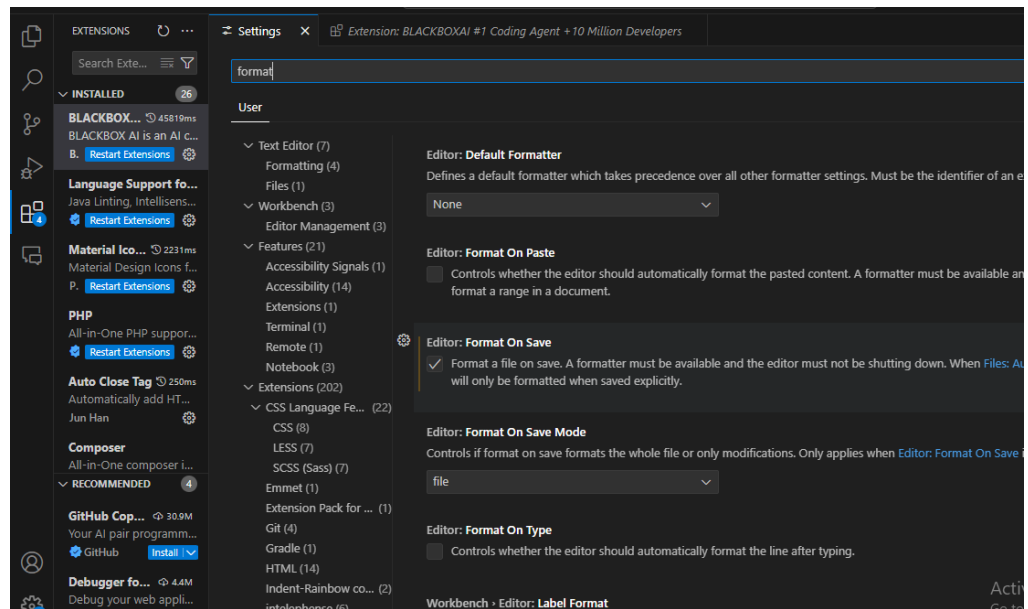
- c. Install ekstensi prettier, klik “prettier” dikolom searching



- d. Install ekstensi snippet, klik “snippet” dikolom searching

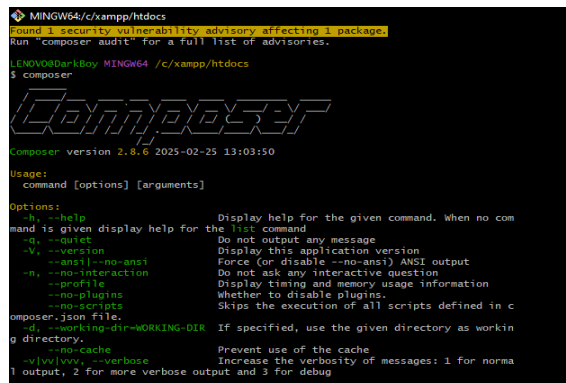


- e. Setting VS Code: File > Preference > Setting > ketik format > Centang Format On Save

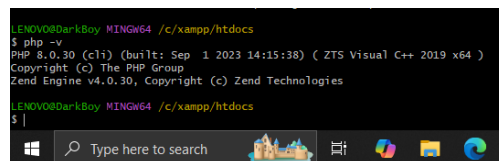


3. Mengecek hasil instalasi :

- Buka git bash
- Ketik composer (cek instalansi)



- Ketik php -v (cek versi php)

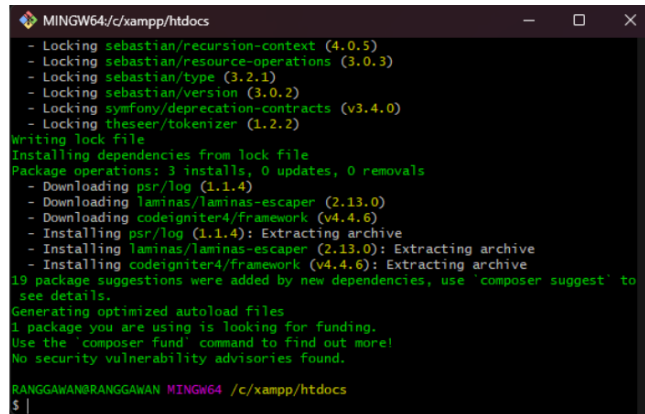


4. Instalansi CodeIgniter 4

- Buka folder xampp/htdocs
- Klik kanan > Klik Git Bash here > Lalu ketik tulisan dibawah ini dan jangan lupa untuk memberi nama project dengan menghapus tulisan project-root dan diganti dengan nama dan project kita. Contoh : DioAnanda_Pemweb2

```
composer create-project codeigniter4/appstarter project-root --no-dev
```

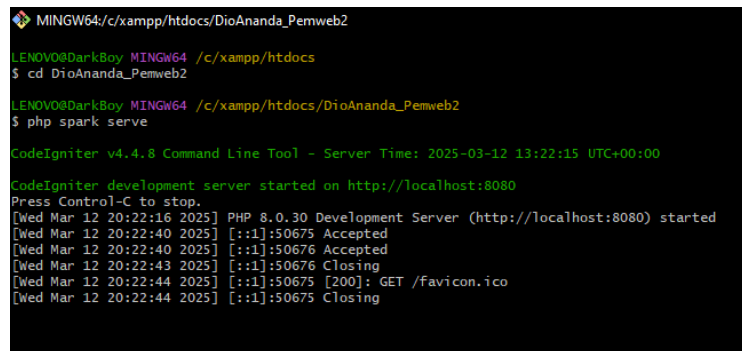
- Lalu jika muncul tampilan seperti dibawah ini maka instalasi telah berhasil.



```
MINGW64/c/xampp/htdocs
- 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 (v3.4.0)
- Locking theseer/tokenizer (1.2.2)
Writing lock file
Installing dependencies from lock file
Package operations: 3 installs, 0 updates, 0 removals
- Downloading psr/log (1.1.4)
- Downloading laminas/laminas-escaper (2.13.0)
- Downloading codeigniter4/framework (v4.4.6)
- Installing psr/log (1.1.4): Extracting archive
- Installing laminas/laminas-escaper (2.13.0): Extracting archive
- Installing codeigniter4/framework (v4.4.6): Extracting archive
19 package suggestions were added by new dependencies, use 'composer suggest' to
see details.
Generating optimized autoload files
1 package you are using is looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
RANGGAWANBRANGGAWAN MINGW64 /c/xampp/htdocs
$ |
```

5. Coba CodeIgniter 4

- Buka git bash di folder xampp/htdocs
- Ketik cd project-root/cd nama folder kita/cd DioAnanda_Pemweb2
- Ketik php spark serve

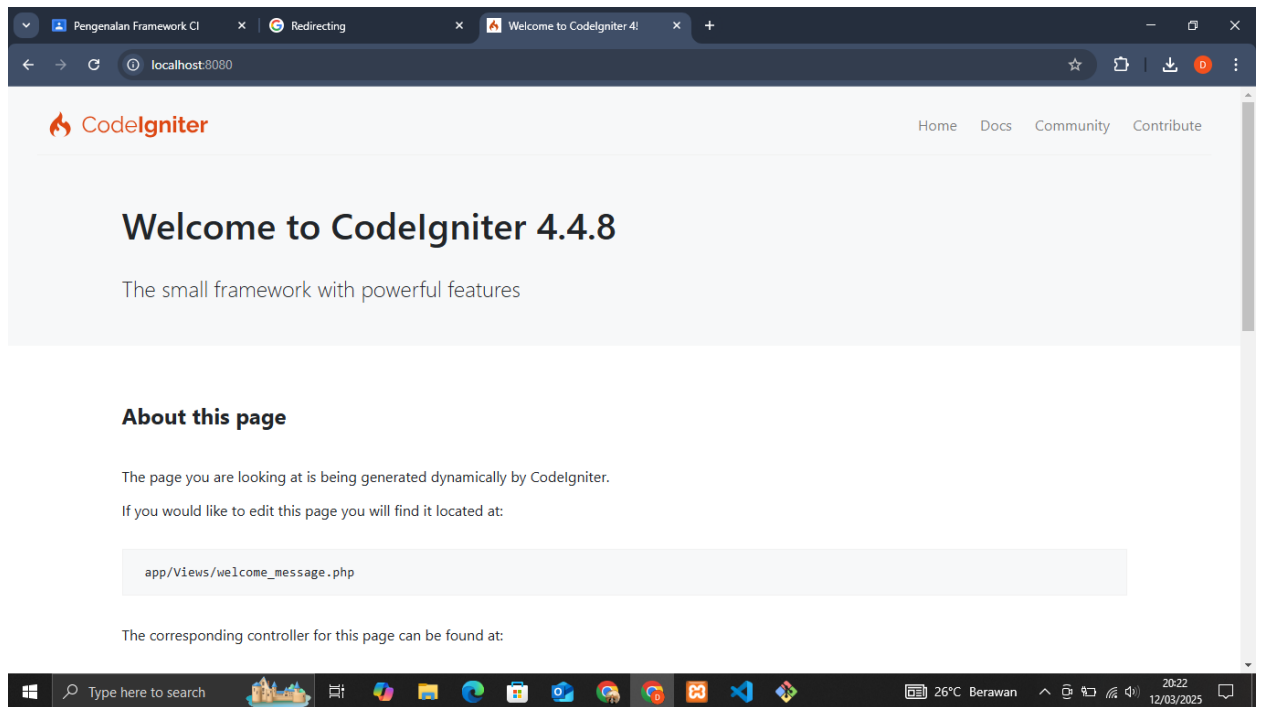


```
MINGW64/c/xampp/htdocs/DioAnanda_Pemweb2
LENOVO@DarkBoy MINGW64 /c/xampp/htdocs
$ cd DioAnanda_Pemweb2
LENOVO@DarkBoy MINGW64 /c/xampp/htdocs/DioAnanda_Pemweb2
$ php spark serve

CodeIgniter v4.4.8 Command Line Tool - Server Time: 2025-03-12 13:22:15 UTC+00:00

CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Wed Mar 12 20:22:16 2025] PHP 8.0.30 Development Server (http://localhost:8080) started
[Wed Mar 12 20:22:40 2025] [::1]:50675 Accepted
[Wed Mar 12 20:22:40 2025] [::1]:50676 Accepted
[Wed Mar 12 20:22:43 2025] [::1]:50676 Closing
[Wed Mar 12 20:22:44 2025] [::1]:50675 [200]: GET /Favicon.ico
[Wed Mar 12 20:22:44 2025] [::1]:50675 Closing
```

- d. Buka browser dan ketik localhost:8080
6. Jika muncul tampilan seperti dibawah ini tandanya instalasi CodeIgniter 4 telah berhasil.



Github : https://github.com/dioannda/DioAnanda_Pemweb2