

## TUGAS PEMROGRAMAN WEB 2

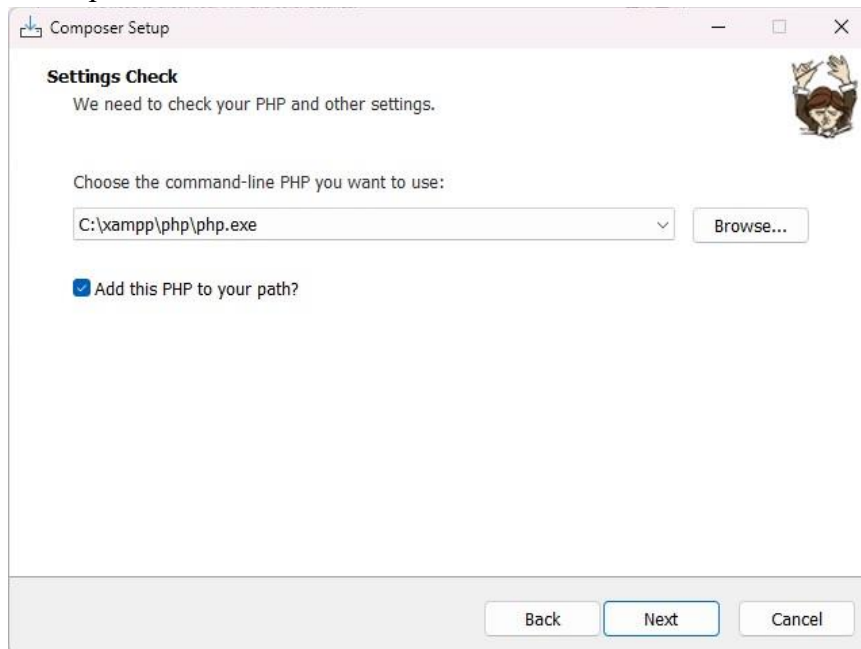
### Proses Instalasi dan Konfigurasi CodeIgniter 4 di Windows

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Dosen Pengampu : **Muhammad Miftakhul Syaikhuddin, S.Kom., M.kom** UNIPDU  
JOMBANG



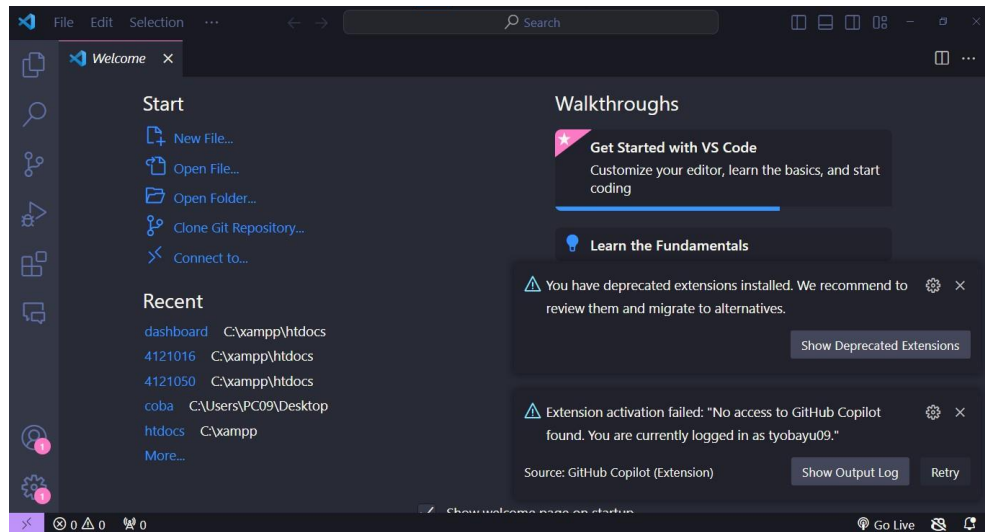
1. Pertama, siapkan bahan yang dibutuhkan
  - a. Unduh xampp Setelah itu lakukan instalasi.
  - b. Unduh VS Code Setelah itu lakukan instalasi.
  - c. Unduh Composer Lakukan Instalasi -> Pilih Direktori PHP yang sudah terinstall pada saat melakukan instalasi.



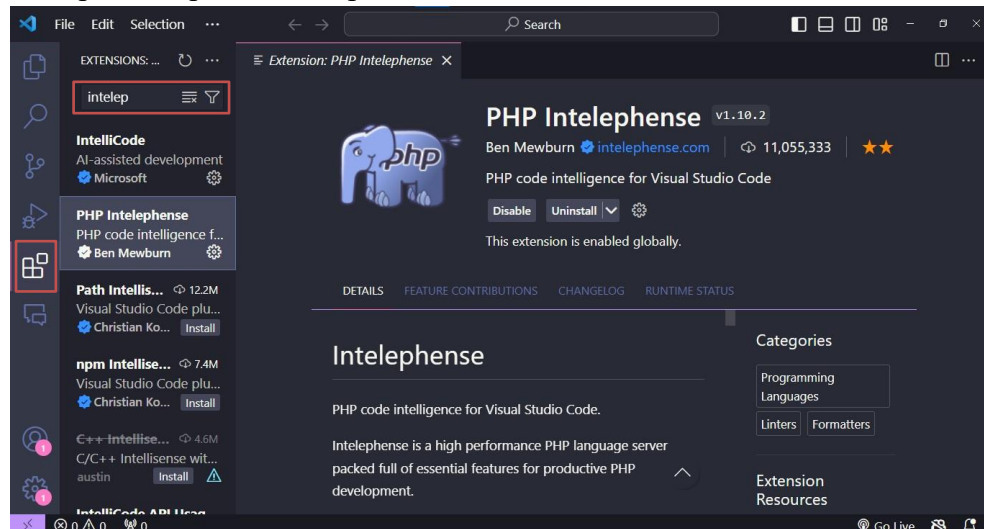
- d. Unduh Git Bash Setelah itu lakukan instalasi.

### 2. Konfigurasi Visual Studio Code

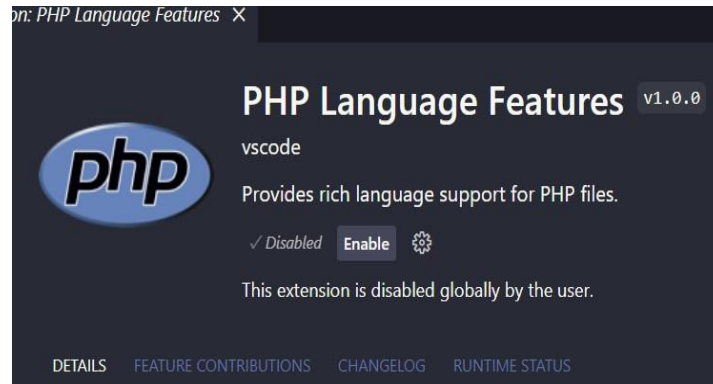
- a. Buka VS Code



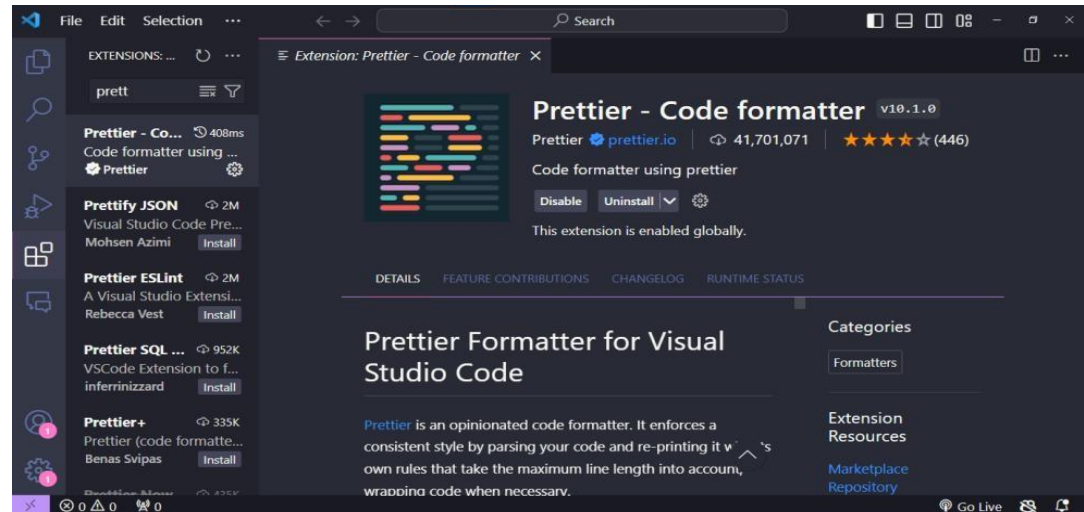
- b. Install ekstensi PHP intelephense dengan cara klik ikon extension lalu cari “php intelephense” pada kolom pencarian



- c. Masih 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.



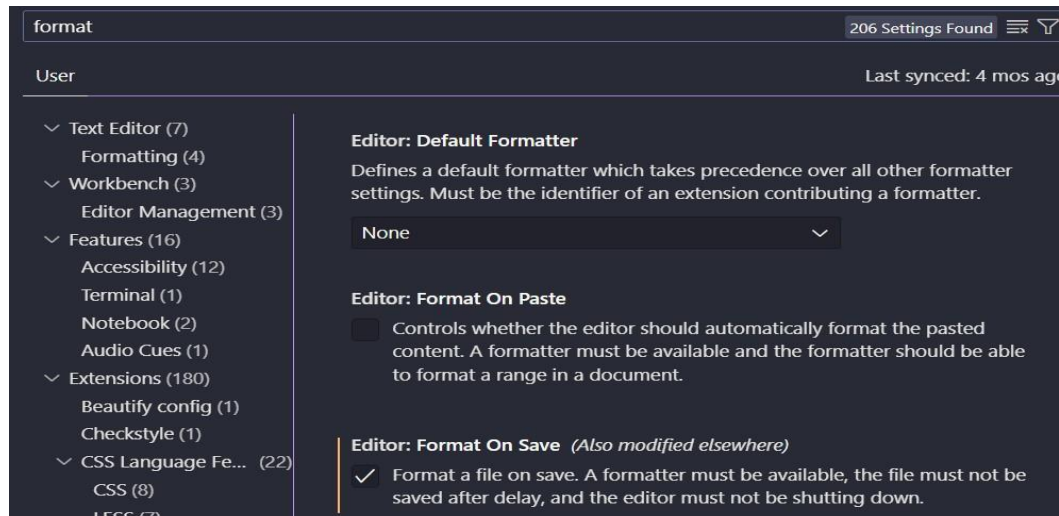
d. Install ekstensi prettier, dengan cara ketik “prettier” di kolom pencarian



e. Install ekstensi snippet, dengan cara ketik “snippet” di kolom pencarian



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



### 3. Cek hasil instalasi:

- Buka git bash
- Ketik composer (cek instalasi composer)

```

MINGW64:/c/Users/PC09
PC09@WIN-VC605BDITP0 MINGW64 ~
$ composer

Composer version 2.7.1 2024-02-09 15:26:28

```

- Ketik php -v (cek versi php)

```

PC09@WIN-VC605BDITP0 MINGW64 ~
$ php -v
PHP 8.0.23 (cli) (built: Aug 30 2022 12:56:19) ( ZTS Visual C++ 2019 x64 )
Copyright (c) The PHP Group
Zend Engine v4.0.23, Copyright (c) Zend Technologies

```

### 4. Instalasi CodeIgniter 4

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

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

Jika muncul error seperti dibawah ini:

```
MINGW64: c:\xampp\htdocs
- Installing codeigniter4/appstarter (v4.4.6): Extracting archive
Created project in C:\xampp\htdocs\project-root
Loading composer repositories with package information
Updating dependencies
Your requirements could not be resolved to an installable set of packages.

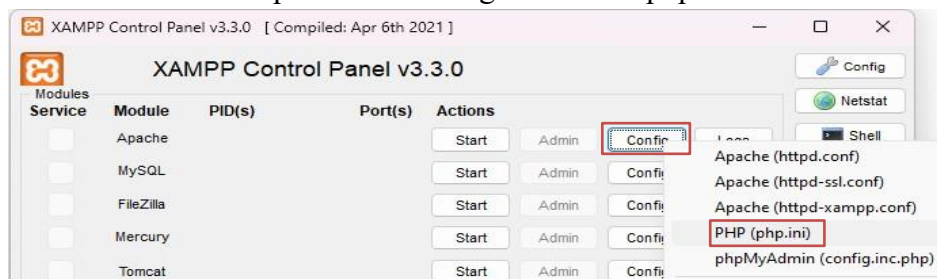
Problem 1
- codeigniter4/framework[4.0.0, ..., v4.4.6] require ext-intl * -> it is missing from your system. Install or enable PHP's intl extension.
- Root composer.json requires codeigniter4/framework ^4.0 -> satisfiable by codeigniter4/framework[4.0.0, ..., v4.4.6].

To enable extensions, verify that they are enabled in your .ini files:
- C:\xampp\php\php.ini
You can also run 'php --ini' in a terminal to see which files are used by PHP in CLI mode.
Alternatively, you can run Composer with '--ignore-platform-req=ext-intl' to temporarily ignore these required extensions.
Running update with --no-dev does not mean require-dev is ignored, it just means the packages will not be installed. If dev requirements are blocking the update you have to resolve those problems.

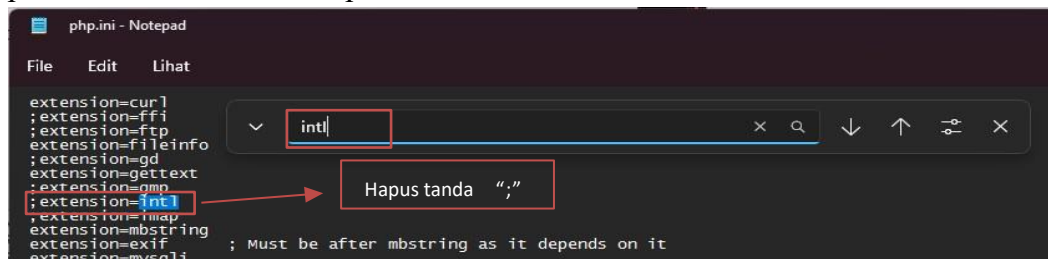
RANGGAWAN@RANGGAWAN MINGW64 /c:/xampp/htdocs
$
```

Disitu tertulis *Problem 1*, dan untuk mengatasinya kita diharuskan menginstal atau meng-enable ekstensi intl di PHP: (a) Langkah pertama kita buka Xampp.

(b) Pada baris module Apache klik config-> lalu klik php.ini



(c) Setelah notepad terbuka, tekan Ctrl+F -> lalu ketik “intl” pada kolom pencarian -> setelah itu hapus tanda “;” -> lalu save dan exit.



(d) Setelah itu hapus folder project-root yang gagal sebelumnya di folder xampp/htdocs, lalu ulangi Langkah instalasi CodeIgniter 4. 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.
RANGGAWAN@RANGGAWAN MINGW64 /c/xampp/htdocs
$ |
```

5. Coba CodeIgniter 4
  - a. Buka git bash di folder xampp/htdocs
  - b. Ketik `cd project-root`
  - c. Ketik `php spark serve`

```
MINGW64:/c/xampp/htdocs/project-root
RANGGAWAN@RANGGAWAN MINGW64 /c/xampp/htdocs
$ cd project-root
RANGGAWAN@RANGGAWAN MINGW64 /c/xampp/htdocs/project-root
$ php spark serve

CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-02-26 13:42:13 UTC+00:00
0

CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Mon Feb 26 20:42:13 2024] PHP 8.2.12 Development Server (http://localhost:8080)
started
```


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



Perngenan Framework C...xP2-PWES2-Perngenan Fram...xRanggnarOS/Perngenan...xWelcome to CodeIgniter 4...x+

←→🔍localhost:8080

🌟📄🔍🔧⋮

CodeIgniter

HomeDocsCommunityContribute

# Welcome to CodeIgniter 4.4.6

The small framework with powerful features

## About this page


The page you are looking at is being generated dynamically by CodeIgniter.  
If you would like to edit this page you will find it located at:

app/Views/welcome\_message.php


The corresponding controller for this page can be found at:

app/Controllers/Home.php

## Go further

Learn

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