

TUGAS PEMROGRAMAN WEB 2

“Proses Instalasi dan Konfigurasi CodeIgniter 4 di Windows”

Diajukan Untuk Memenuhi Tugas Mata Kuliah Pemrograman web 2
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**PROGRAM STUDI SISTEM INFORMASI
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PESANTREN TINGGI DARUL ULUM
2024**

1. Pertama, siapkan bahan yang dibutuhkan

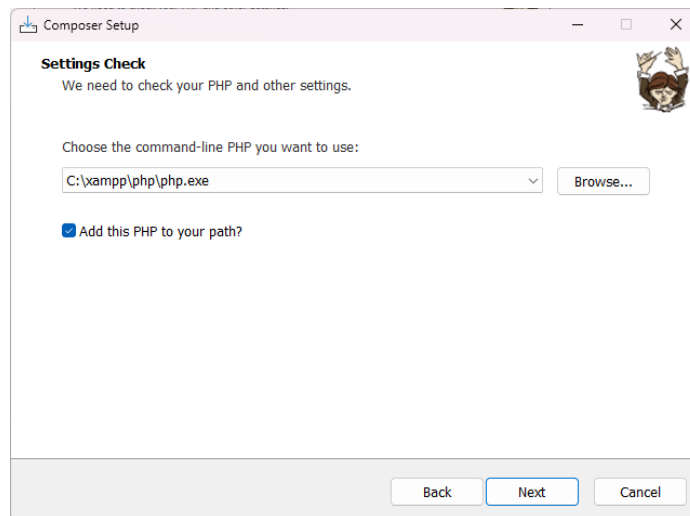
a. Unduh xampp di:

<https://sourceforge.net/projects/xampp/files/XAMPP%20Windows/8.2.12/xampp-windows-x64-8.2.12-0-VS16-installer.exe/download>. Setelah itu lakukan instalasi.

b. Unduh VS Code di:

<https://code.visualstudio.com/sha/download?build=stable&os=win32-x64-user>. Setelah itu lakukan instalasi.

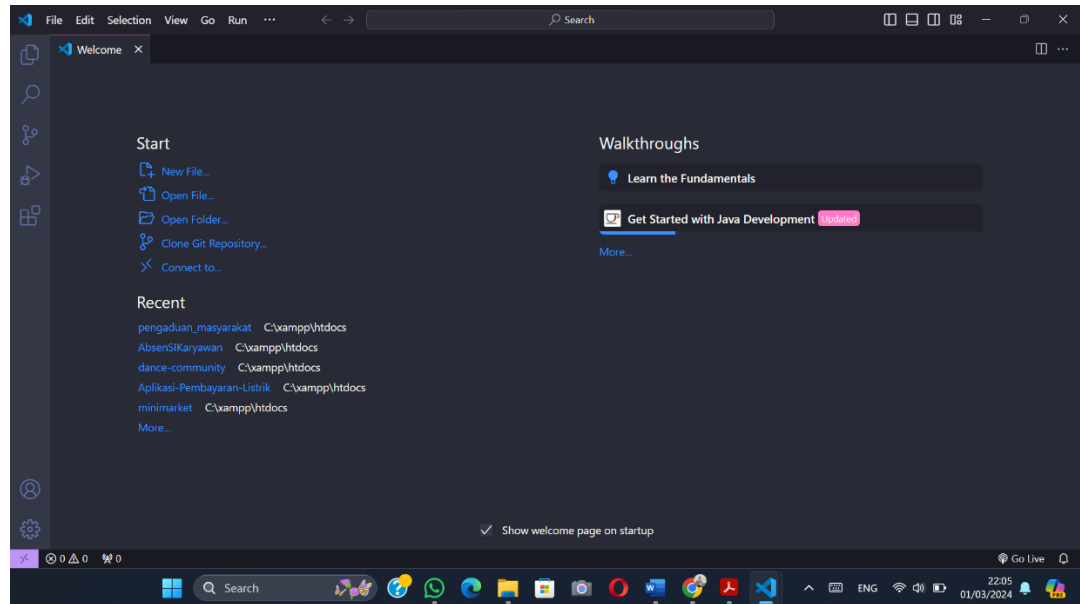
c. Unduh Composer di: <https://getcomposer.org/Composer-Setup.exe>. Lakukan Instalasi -> Pilih Direktori PHP yang sudah terinstall pada saat melakukan instalasi.



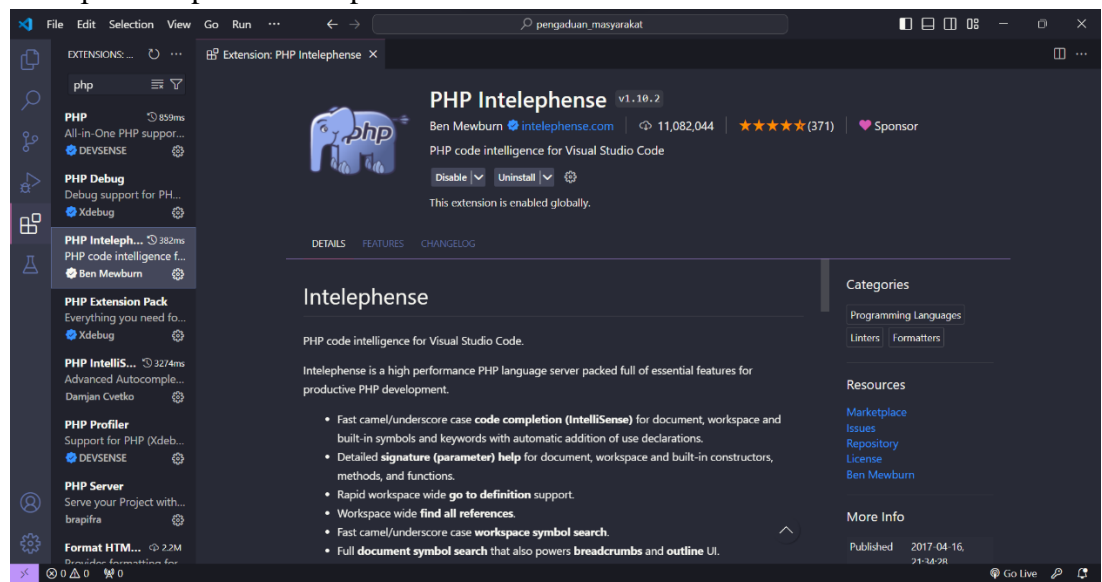
d. Unduh Git Bash di: <https://github.com/git-for-windows/git/releases/download/v2.44.0.windows.1/Git-2.44.0-64-bit.exe>. Setelah itu lakukan instalasi.

2. Konfigurasi Visual Studio Code

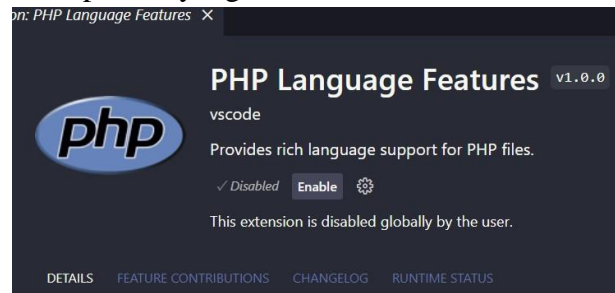
a. Buka VS Code



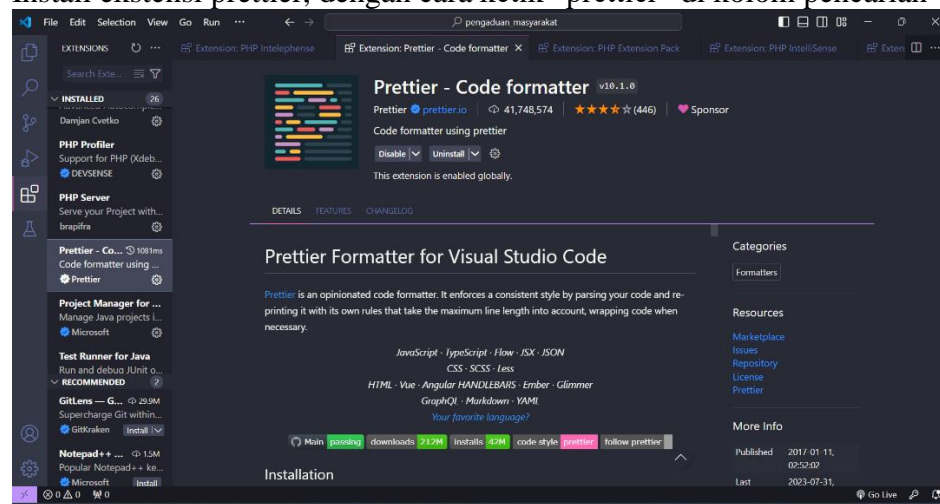
b. Install ekstensi PHP intelephense dengan cara klik ikon extension lalu cari “php intelephense” pada kolom pencarian



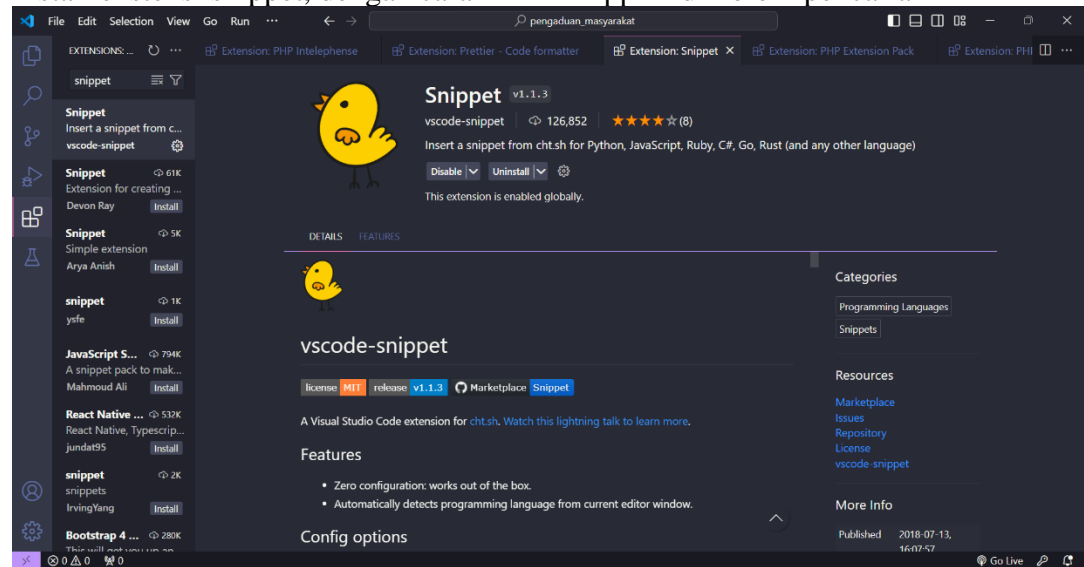
- c. Masih di menu extension. Disable PHP Language Feature, dengan cara ketik “@builtin php” di kolom pencarian agar tidak bentrok dengan ekstensi PHP intelephense yang sudah kita install tadi.



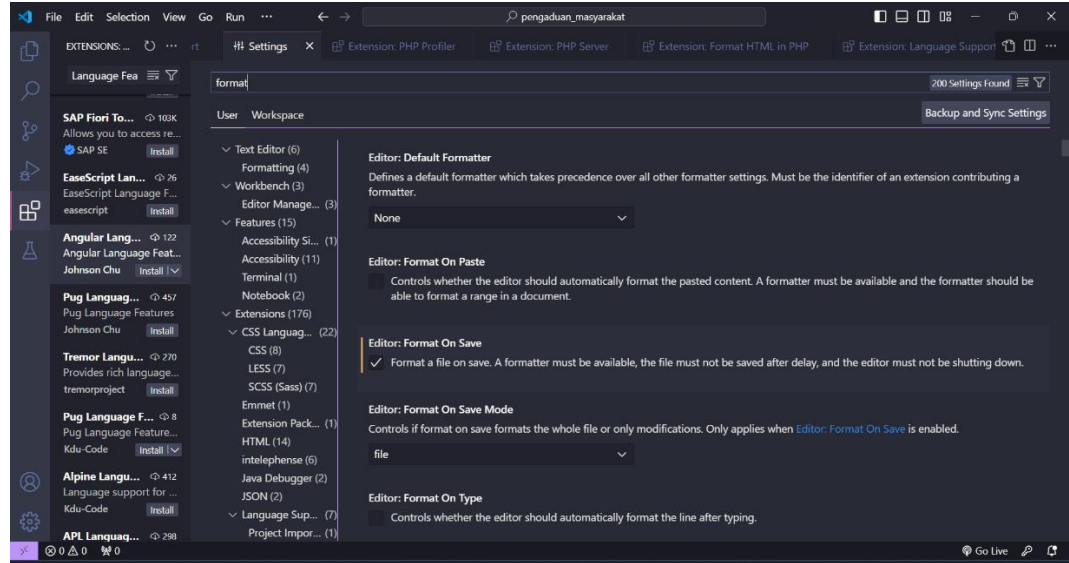
- d. Install ekstensi prettier, dengan cara ketik “prettier” di kolom pencarian



- 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:

- a. Buka git bash

```
MINGW64/c/Users/HP
HP@LAPTOP-1F0RKC6A MINGW64 ~
$ composer

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

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display help for the given command. When no com
mand is given display help for the list command
  -q, --quiet                Do not output any message
  -V, --version              Display this application version
  --ansi|--no-ansi           Force (or disable --no-ansi) ANSI output
  -n, --no-interaction       Do not ask any interactive question
  --profile                  Display timing and memory usage information
  --no-plugins               Whether to disable plugins.
  --no-scripts               Skips the execution of all scripts defined in c
```

- b. Ketik composer (cek instalasi composer)
c. Ketik php -v (cek versi php)

```
MINGW64:/c/Users/HP
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 inst
alls 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 versi
on according to composer.json, and updates the composer.lock file
validate Validates a composer.json and composer.lock

HP@LAPTOP-1FORKCGA MINGW64 ~
$ php -v
PHP 8.2.4 (cli) (built: Mar 14 2023 17:54:25) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.2.4, Copyright (c) Zend Technologies

HP@LAPTOP-1FORKCGA MINGW64 ~
$ |
```

4. Instalasi CodeIgniter 4

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

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

- c.

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].

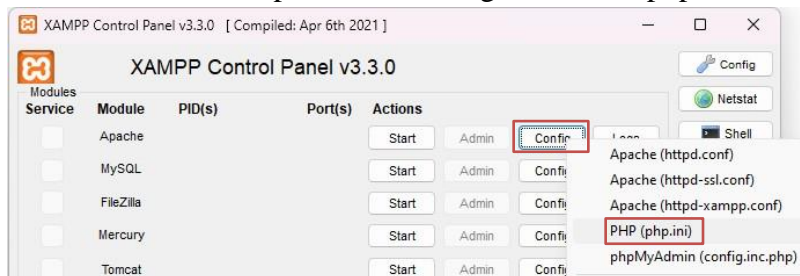
To enable extensions, verify that they are enabled in your .ini files:
- C:\xampp\php\php.ini
You can also run 'php --ini' in a terminal to see which files are used by PHP in CLI mode.
Alternatively, you can run Composer with '--ignore-platform-req=ext-intl' to temporarily ignore these required extensions.
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.

HP@LAPTOP-1FORKCGA MINGW64 /c/xampp/htdocs
$
```

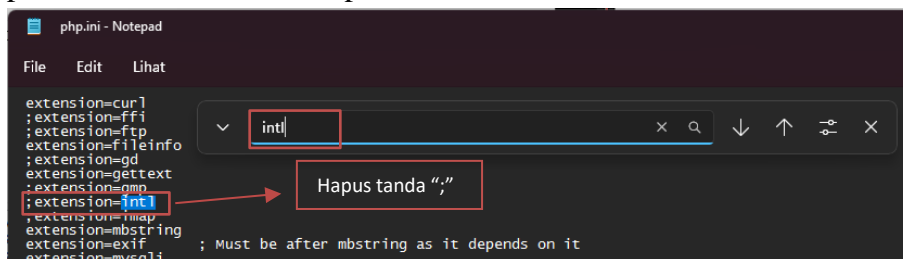
Disitu tertulis *Problem 1*, dan untuk mengatasinya kita diharuskan menginstal atau meng-enable ekstensi intl di PHP:

(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.



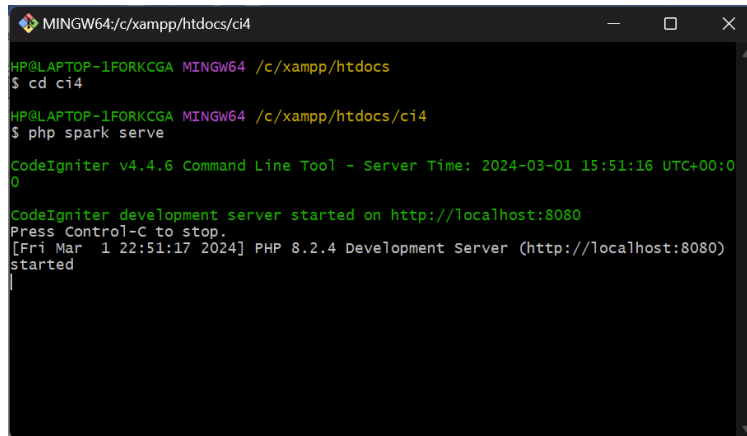
(d) Setelah itu hapus folder project-root yang gagal sebelumnya di folder xampp/htdocs, lalu ulangi Langkah instalasi CodeIgniter 4. Jika muncul tampilan seperti dibawah ini maka instalasi telah berhasil.

```
MINGW64/c/Users/HP/c14
- 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 theerdeser/tokenizer (1.2.2)
Writing lock file
Installing dependencies from lock file
Package operations: 2 installs, 0 updates, 0 removals
- 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
A package you are using is looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.

HP@LAPTOP-1FORKCGA MINGW64 -
$ cd c14
$
```

5. Coba CodeIgniter 4

- a. Buka git bash di folder xampp/htdocs
- b. Ketik cd project-root



```
MINGW64/c:/xampp/htdocs/ci4
HP@LAPTOP-1FORKCGA MINGW64 /c:/xampp/htdocs
$ cd ci4
HP@LAPTOP-1FORKCGA MINGW64 /c:/xampp/htdocs/ci4
$ php spark serve
CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-03-01 15:51:16 UTC+00:00
CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Fri Mar 1 22:51:17 2024] PHP 8.2.4 Development Server (http://localhost:8080)
started
```

- c. Ketik php spark serve
- d. Buka browser dan ketik localhost:8080

Jika muncul tampilan seperti dibawah

