

MODUL PRAKTEK RPL

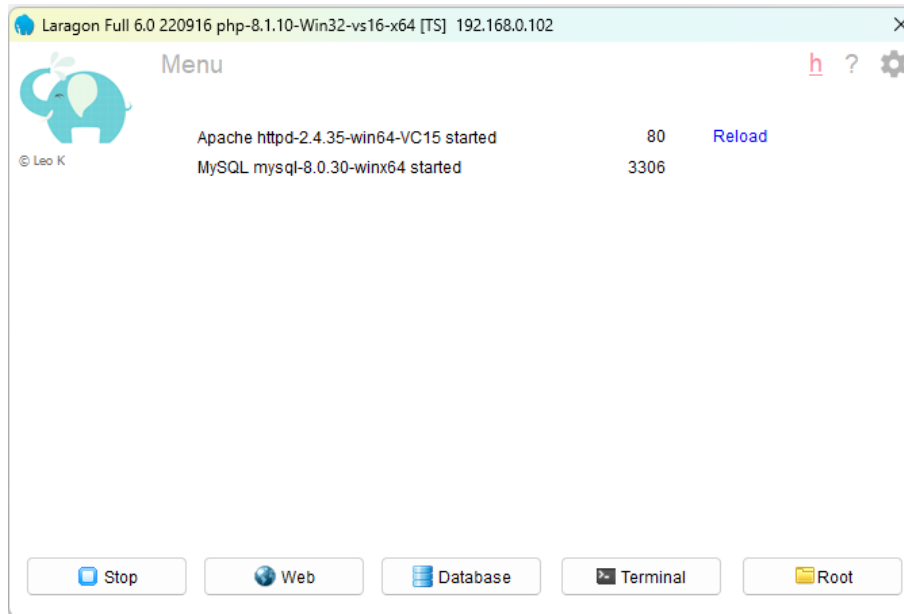
(Pert 9 “Install Composer dan Laravel”)

MEMBUAT LANDING PAGE WEB DENGAN LARAVEL

(Studi kasus masing-masing)

Syarat (Kalian harus mempelajari terlebih dahulu Dasar-dasar PHP)

1. Aktifkan terlebih dahulu laragon



2. Setelah diaktifkan apache dan MySQL di laragon, sekarang kita cek versi php dengan membuka browser dan ketik **localhost**




Untuk melihat info detail klik info, maka akan muncul

PHP 8.1.10 - phpinfo()


localhost/?q=info

PHP Version 8.1.10



System	Windows NT NYUNYUW89-PC 10.0 build 22631 (Windows 11) AMD64
Build Date	Aug 30 2022 18:02:43
Build System	Microsoft Windows Server 2019 Datacenter [10.0.17763]
Compiler	Visual C++ 2019
Architecture	x64
Configure Command	cmd /c "C:\Program Files\PHP\php-8.1.10-Win32-vs16-x64\php.exe --enable-snapshot-build" --enable-debug-pack --with-pdo-oci=... --enable-object-out-dir=... --enable-com-dotnet-shared --without-analyzer --with-pgo
Server API	Apache 2.0 Handler
Virtual Directory Support	enabled
Configuration File (php.ini) Path	no value
Loaded Configuration File	C:\Program Files\PHP\php-8.1.10-Win32-vs16-x64\php.ini
Scan this dir for additional .ini files	(none)
Additional .ini files parsed	(none)
PHP API	20210902
PHP Extension	20210902
Zend Extension	420210902
Zend Extension Build	API420210902.TS.VS16
PHP Extension Build	API20210902.TS.VS16
Debug Build	no
Thread Safety	enabled
Thread API	Windows Threads
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled
DTrace Support	disabled
Registered PHP Streams	php, file, glob, data, http, ftp, zip, compress.zlib, https, ftps, phar
Registered Stream Socket Transports	tcp, udp, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2, tlsv1.3
Registered Stream Filters	convert.iconv*, string.rot13, string.toupper, string.tolower, convert*, consumed, dechunk, zlib.*

This program makes use of the Zend Scripting Language Engine:
Zend Engine v4.1.10, Copyright (c) Zend Technologies



Configuration

- Setelah mengetahui versi php yang kita gunakan, sekarang silahkan akses **Laravel.com** dan klik menu **Documentation**

Join the waitlist for Laravel Cloud, the future of shipping.

Laravel

Forge Vapor Ecosystem News Partners Careers

DOCUMENTATION

The PHP Framework for Web Artisans

Laravel is a web application framework with expressive, elegant syntax. We've already laid the foundation — freeing you to create without sweating the small things.

GET STARTED WATCH LARACASTS

Setelah klik documentation, maka akan muncul tampilan seperti dibawah ini:

Join the waitlist for Laravel Nightwatch, first-class monitoring designed for Laravel.

Laravel

Q. Search

VERSION 11.x

Master 11.x 10.x 9.x 8.x 7.x 6.x 5.8 5.7 5.6 5.5 5.4 5.3 5.2 5.1 5.0 4.2

Installation

- Meet Laravel
 - Why Laravel?
- Creating a Laravel Application
 - Installing PHP and the Laravel Installer
 - Creating an Application
- Initial Configuration
 - Environment Based Configuration
 - Databases and Migrations
 - Directory Configuration
- Local Installation Using Herd
 - Herd on macOS
 - Herd on Windows
- Docker Installation Using Sail
 - Sail on macOS

Prologue

Getting Started

- Installation
- Configuration
- Directory Structure
- Frontend
- Starter Kits
- Deployment

Architecture Concepts

The Basics

Digging Deeper

Security

Database

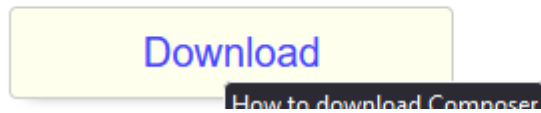
Performance

Silahkan kalian pilih version nya sesuai dengan versi di komputer/laptop masing-masing.

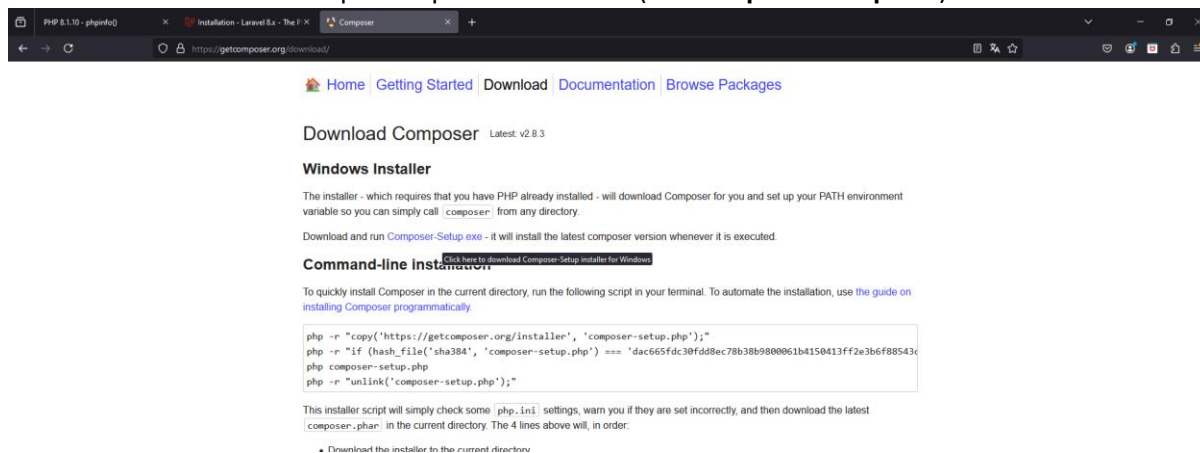
Contoh ini memilih version 8.

Cara untuk menginstall Laravel itu ada 2:

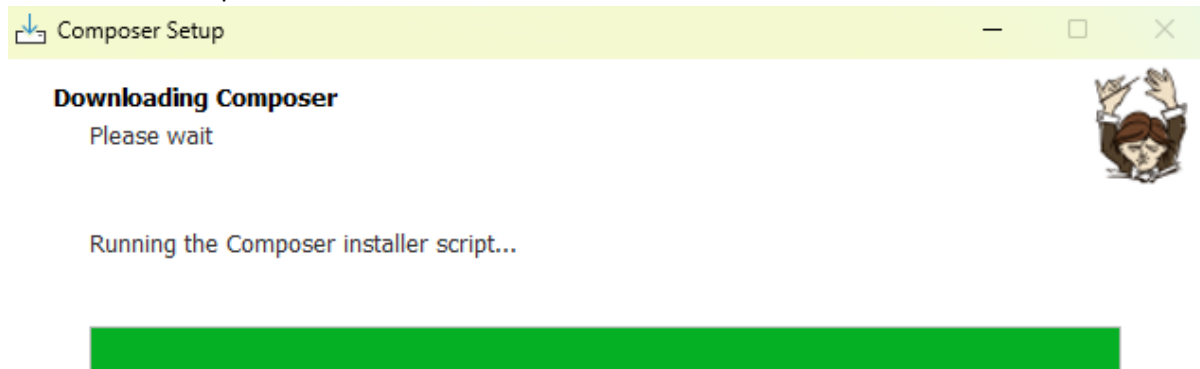
1. Installer
 2. Composer → <https://getcomposer.org/> merupakan alat manajemen dependensi pada php, memungkinkan untuk membuat library pada proyek website anda, composer akan install dan update otomatis.
- Download



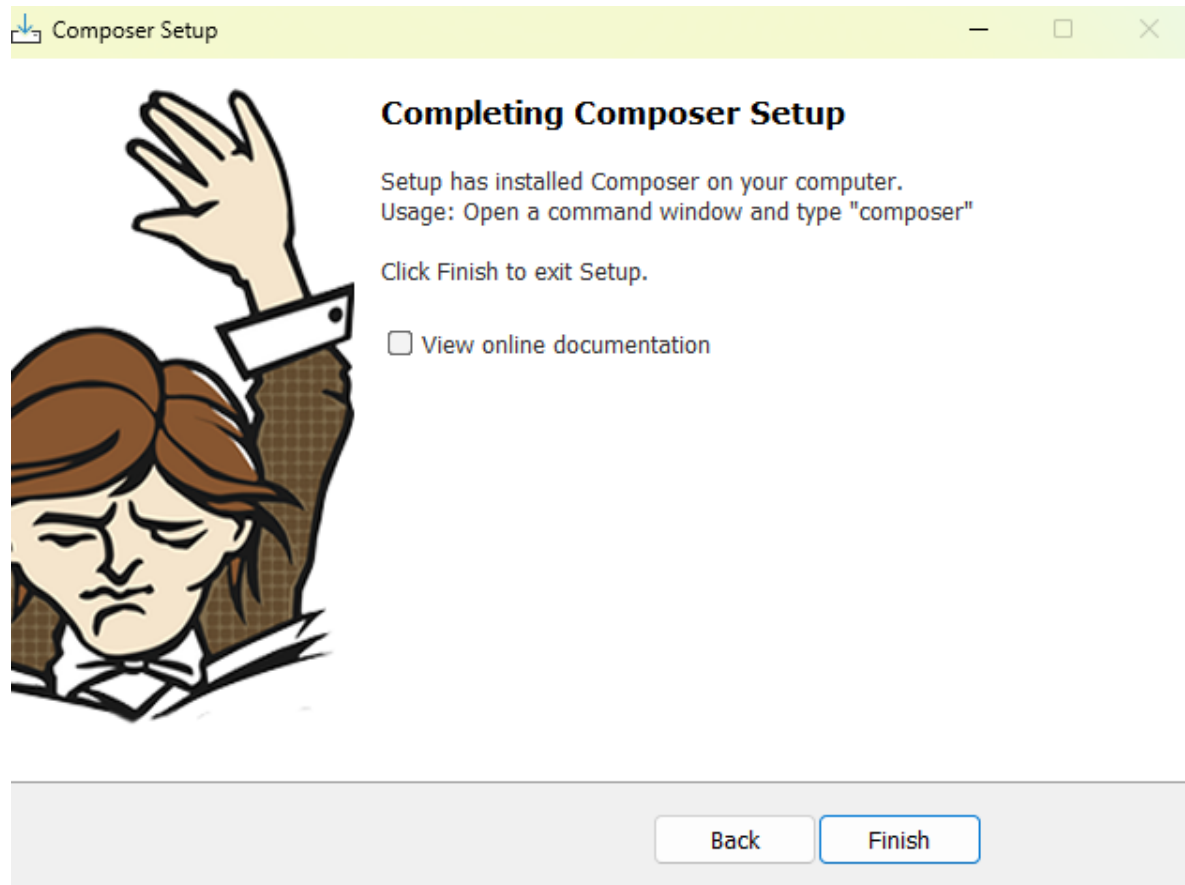
- Kemudian akan muncul tampilan seperti dibawah ini (klik **composer setup.exe**)



- Proses install composer



Install berhasil



- Kemudian buka CMD dan ketikkan composer, jika muncul tampilan seperti dibawah ini (artinya composer berhasil di install)

```
Command Prompt
Microsoft Windows [Version 10.0.22631.4460]
(c) Microsoft Corporation. All rights reserved.

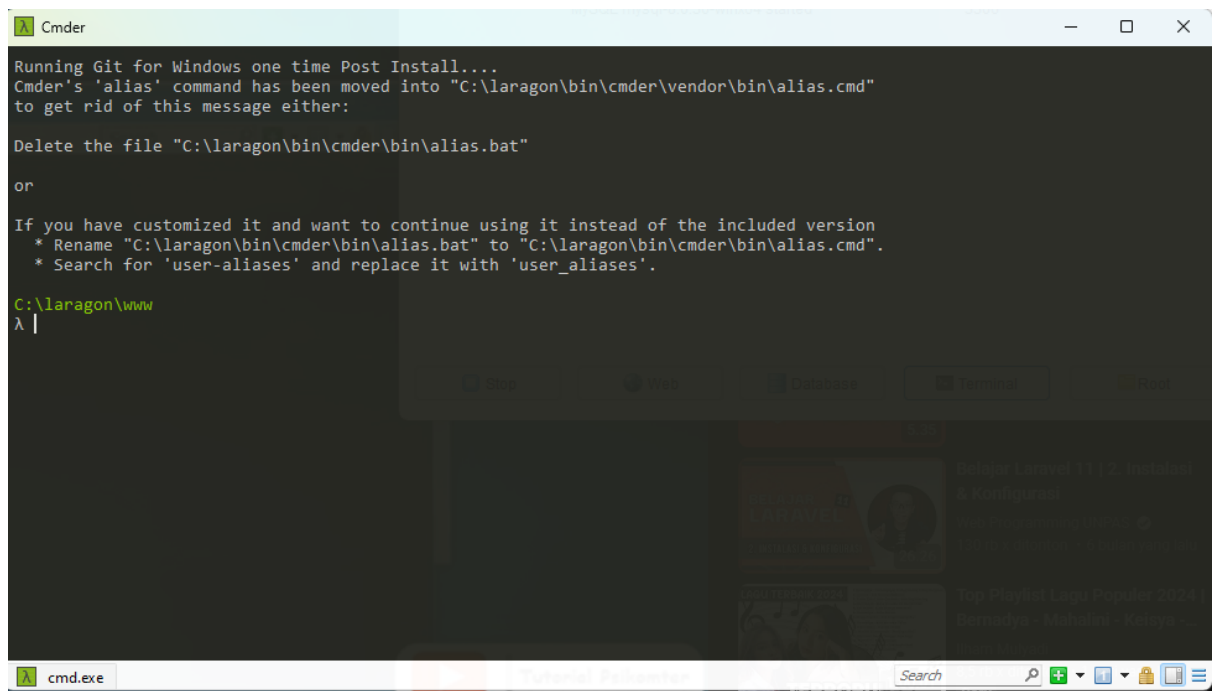
C:\Users\DELL>composer

Composer version 2.8.3 2024-11-17 13:13:04

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display help for the given command. When no command 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) 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 composer.json file.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
      --no-cache             Prevent use of the cache
  -v|vv|vvv, --verbose      Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and
3 for debug
```

4. Install Laravel, silahkan buka laragin, kemudian klik menu terminal dalam laragon sehingga muncul tampilan dibawah ini:



```
Running Git for Windows one time Post Install....
Cmder's 'alias' command has been moved into "C:\laragon\bin\cmder\vendor\bin\alias.cmd"
to get rid of this message either:

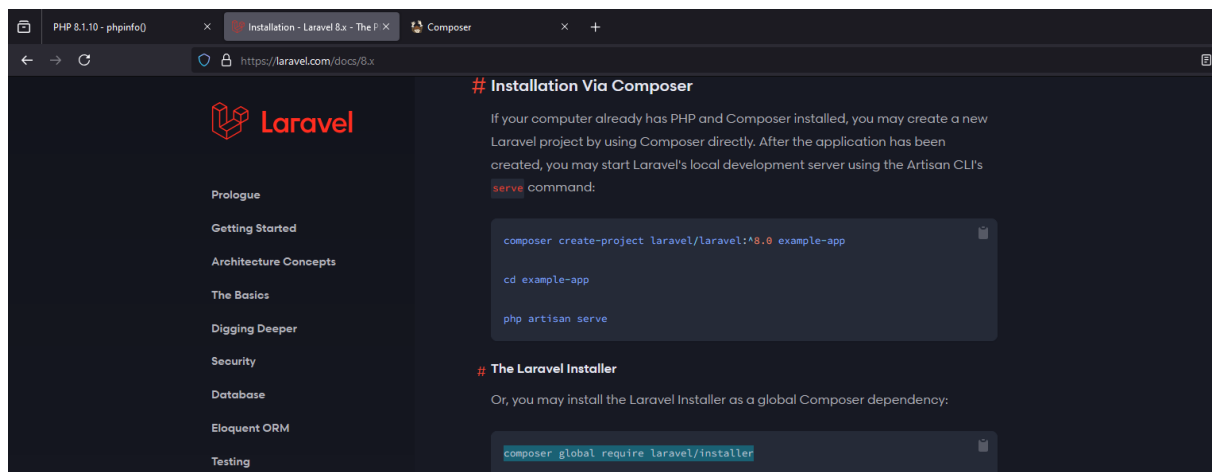
Delete the file "C:\laragon\bin\cmder\bin\alias.bat"

or

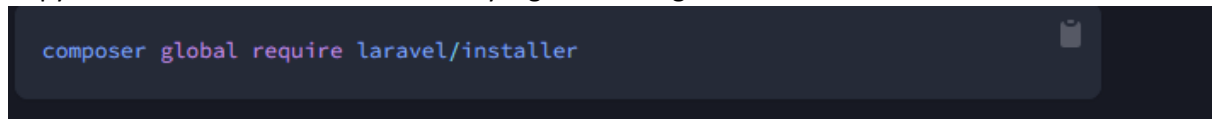
If you have customized it and want to continue using it instead of the included version
* Rename "C:\laragon\bin\cmder\bin\alias.bat" to "C:\laragon\bin\cmder\bin\alias.cmd".
* Search for 'user-aliases' and replace it with 'user_aliases'.

C:\laragon\www
λ |
```

Cek halaman web Laravel



Copy text dibawah ini kedalam terminal yang ada di laragon



```
composer global require laravel/installer
```

Sehingga tampilannya seperti dibawah ini:

```
Cmdr
Delete the file "C:\laragon\bin\cmdr\bin\alias.bat"
or
If you have customized it and want to continue using it instead of the included version
* Rename "C:\laragon\bin\cmdr\bin\alias.bat" to "C:\laragon\bin\cmdr\bin\alias.cmd".
* Search for 'user-aliases' and replace it with 'user_aliases'.

C:\laragon\www
λ composer global require laravel/installer
Changed current directory to C:/Users/DELL/AppData/Roaming/Composer
Using version ^5.9 for laravel/installer
./composer.json has been updated
Running composer update laravel/installer
Loading composer repositories with package information
Updating dependencies
Lock file operations: 0 installs, 1 update, 0 removals
- Upgrading laravel/installer (v5.2.1 => v5.9.2)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 0 installs, 1 update, 0 removals
- Downloading laravel/installer (v5.9.2)
- Upgrading laravel/installer (v5.2.1 => v5.9.2): Extracting archive
Generating autoload files
17 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
No security vulnerability advisories found

C:\laragon\www
λ
```

Membuat folder installah Laravel



Ketikan dalam terminal

Blog = dapat kalian anti sesuai folder yang ingin dibuat, contoh ibu membuat praktekrpl

Proses install dimulai:

```
Cmdr
- Installing hamcrest/hamcrest-php (v2.0.1): Extracting archive
- Installing mockery/mockery (1.6.12): Extracting archive
- Installing filp/whoops (2.16.0): Extracting archive
- Installing nunomaduro/collision (v8.5.0): Extracting archive
- Installing sebastian/version (5.0.2): Extracting archive
- Installing sebastian/type (5.1.0): Extracting archive
- Installing sebastian/recursion-context (6.0.2): Extracting archive
- Installing sebastian/object-reflector (4.0.1): Extracting archive
- Installing sebastian/object-enumerator (6.0.1): Extracting archive
- Installing sebastian/global-state (7.0.2): Extracting archive
- Installing sebastian/exporter (6.1.3): Extracting archive
- Installing sebastian/environment (7.2.0): Extracting archive
- Installing sebastian/diff (6.0.2): Extracting archive
- Installing sebastian/comparator (6.2.1): Extracting archive
- Installing sebastian/code-unit (3.0.1): Extracting archive
- Installing sebastian/cli-parser (3.0.2): Extracting archive
- Installing phpunit/php-timer (7.0.1): Extracting archive
- Installing phpunit/php-text-template (4.0.1): Extracting archive
- Installing phpunit/php-invoker (5.0.1): Extracting archive
- Installing phpunit/php-file-iterator (5.1.0): Extracting archive
- Installing theseer/tokenizer (1.2.3): Extracting archive
- Installing sebastian/lines-of-code (3.0.1): Extracting archive
- Installing sebastian/complexity (4.0.1): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (4.0.1): Extracting archive
- Installing phpunit/php-code-coverage (11.0.7): Extracting archive
- Installing phar-io/version (3.2.1): Extracting archive
- Installing phar-io/manifest (2.0.4): Extracting archive
- Installing myclabs/deep-copy (1.12.1): Extracting archive
- Installing phpunit/phpunit (11.4.3): Extracting archive
0/107 [>-----] 0%
```

```
Cmder
- Downloading doctrine/deprecations (1.1.3)
- Downloading phpdocumentor/type-resolver (1.10.0)
- Downloading phpdocumentor/reflection-docblock (5.6.0)
- Downloading ta-tikoma/phpunit-architecture-test (0.8.4)
- Downloading pestphp/pest-plugin-arch (v3.0.0)
- Downloading pestphp/pest-plugin-mutate (v3.0.5)
- Downloading pestphp/pest (v3.5.1)
- Downloading pestphp/pest-plugin-laravel (v3.0.0)
- Installing pestphp/pest-plugin (v3.0.0): Extracting archive
  - Installing sebastian/environment (7.2.0): Extracting archive
  - Installing sebastian/version (5.0.2): Extracting archive
- Installing sebastian/type (5.1.0): Extracting archive
- Installing sebastian/recursion-context (6.0.2): Extracting archive
- Installing sebastian/object-reflector (4.0.1): Extracting archive
- Installing sebastian/object-enumerator (6.0.1): Extracting archive
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- Installing sebastian/exporter (6.1.3): Extracting archive
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  - Installing sebastian/comparator (6.2.1): Extracting archive
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- Installing sebastian/cli-parser (3.0.2): Extracting archive
- Installing phpunit/php-timer (7.0.1): Extracting archive
- Installing phpunit/php-text-template (4.0.1): Extracting archive
- Installing phpunit/php-invoker (5.0.1): Extracting archive
- Installing phpunit/php-file-iterator (5.1.0): Extracting archive
- Installing theseer/tokenizer (1.2.3): Extracting archive
- Installing sebastian/lines-of-code (3.0.1): Extracting archive
- Installing sebastian/complexity (4.0.1): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (4.0.1): Extracting archive
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- Installing myclabs/deep-copy (1.12.1): Extracting archive
- Installing phpunit/phpunit (11.4.3): Extracting archive
- Installing jean85/pretty-package-versions (2.0.6): Extracting archive
- Installing fidry/cpu-core-counter (1.2.0): Extracting archive
- Installing brianium/paratest (v7.6.0): Extracting archive
- Installing phpstan/phpdoc-parser (2.0.0): Extracting archive
- Installing phpdocumentor/reflection-common (2.2.0): Extracting archive
- Installing doctrine/deprecations (1.1.3): Extracting archive
- Installing phpdocumentor/type-resolver (1.10.0): Extracting archive
- Installing phpdocumentor/reflection-docblock (5.6.0): Extracting archive
- Installing ta-tikoma/phpunit-architecture-test (0.8.4): Extracting archive
- Installing pestphp/pest-plugin-arch (v3.0.0): Extracting archive
- Installing pestphp/pest-plugin-mutate (v3.0.5): Extracting archive
- Installing pestphp/pest (v3.5.1): Extracting archive
- Installing pestphp/pest-plugin-laravel (v3.0.0): Extracting archive
32/38 [=====>----] 84%
```

```
Cmder
npm ERR! A complete log of this run can be found in:
npm ERR! C:\Users\DELL\AppData\Roaming\npm-cache\_logs\2024-11-18T03

INFO Breeze scaffolding installed successfully.

INFO Application ready in [praktekrpl]. You can start your local dev

→ cd praktekrpl
→ npm install && npm run build
→ composer run dev

New to Laravel? Check out our bootcamp and documentation. Build something

C:\laragon\www
λ
C:\laragon\www
λ co
'co' is not recognized as an internal or external command,
operable program or batch file.

C:\laragon\www
λ
C:\laragon\www
λ
C:\laragon\www
λ
C:\laragon\www
λ
C:\laragon\www
λ
C:\laragon\www
λ
C:\laragon\www
λ cd praktekrpl

C:\laragon\www\praktekrpl
λ npm install
```

```
C:\laragon\www\praktekrpl
> npm run build

> @ build C:\laragon\www\praktekrpl
> vite build

C:\laragon\www\praktekrpl\node_modules\vite\bin\vite.js:2
import { performance } from 'node:perf_hooks'
^
SyntaxError: Unexpected token {
    at Module._compile (internal/modules/cjs/loader.js:720:23)
    at Object.Module._extensions..js (internal/modules/cjs/loader.js:787:10)
    at Module.load (internal/modules/cjs/loader.js:643:32)
    at Function.Module._load (internal/modules/cjs/loader.js:556:12)
    at Function.Module.runMain (internal/modules/cjs/loader.js:839:10)
    at internal/main/run_main_module.js:17:11
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! @ build: 'vite build'
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the @ build script.
npm ERR! This is probably not a problem with npm. There is likely additional logging output above.

npm ERR! A complete log of this run can be found in:
npm ERR! C:\Users\DELL\AppData\Roaming\npm-cache\_logs\2024-11-18T04_13_56_5772-debug.log

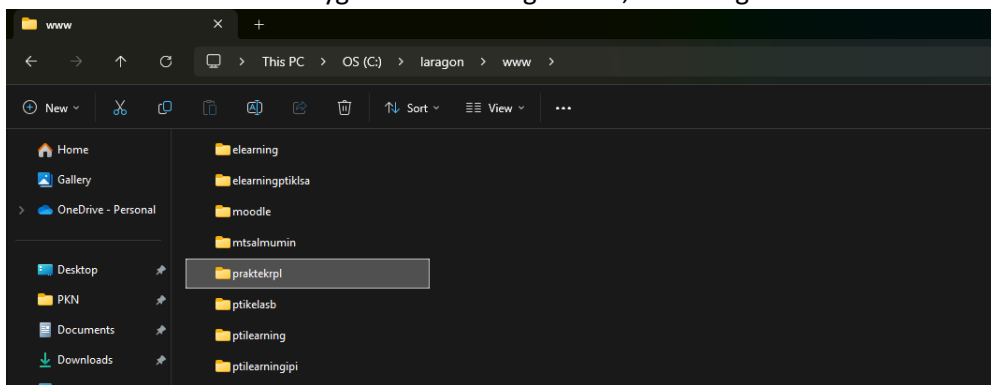
C:\laragon\www\praktekrpl
> php artisan serve
forking is not supported on this platform

[INFO] Server running on [http://127.0.0.1:8000].

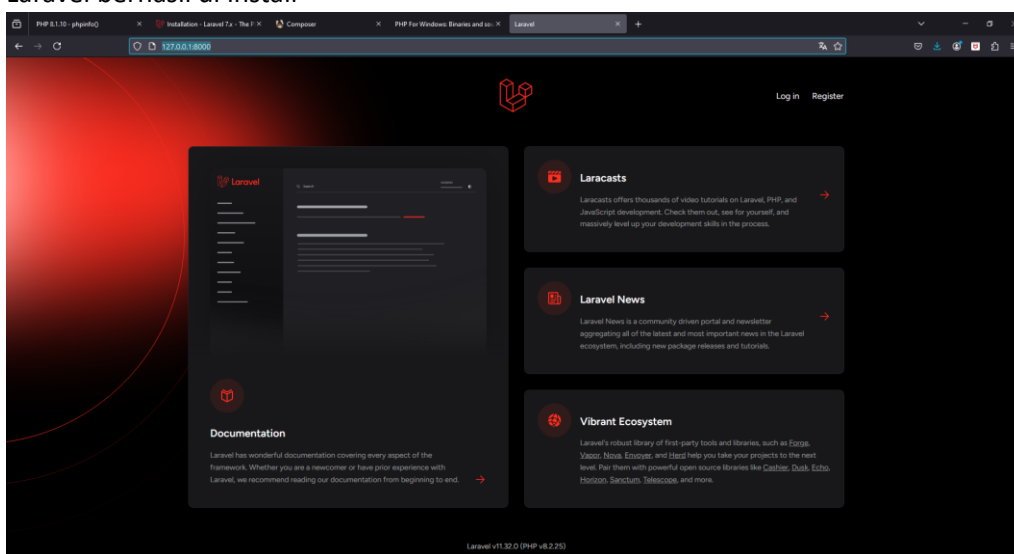
Press Ctrl+C to stop the server

2024-11-18 11:15:05 / ..... ~ 509.36ms
2024-11-18 11:15:06 /favicon.ico ..... ~ 1.36ms
2024-11-18 11:20:02 / ..... ~ 2.01ms
```

Cek terlebih dahulu folder yg tdi dibuat dengan cara, c → laragon → www



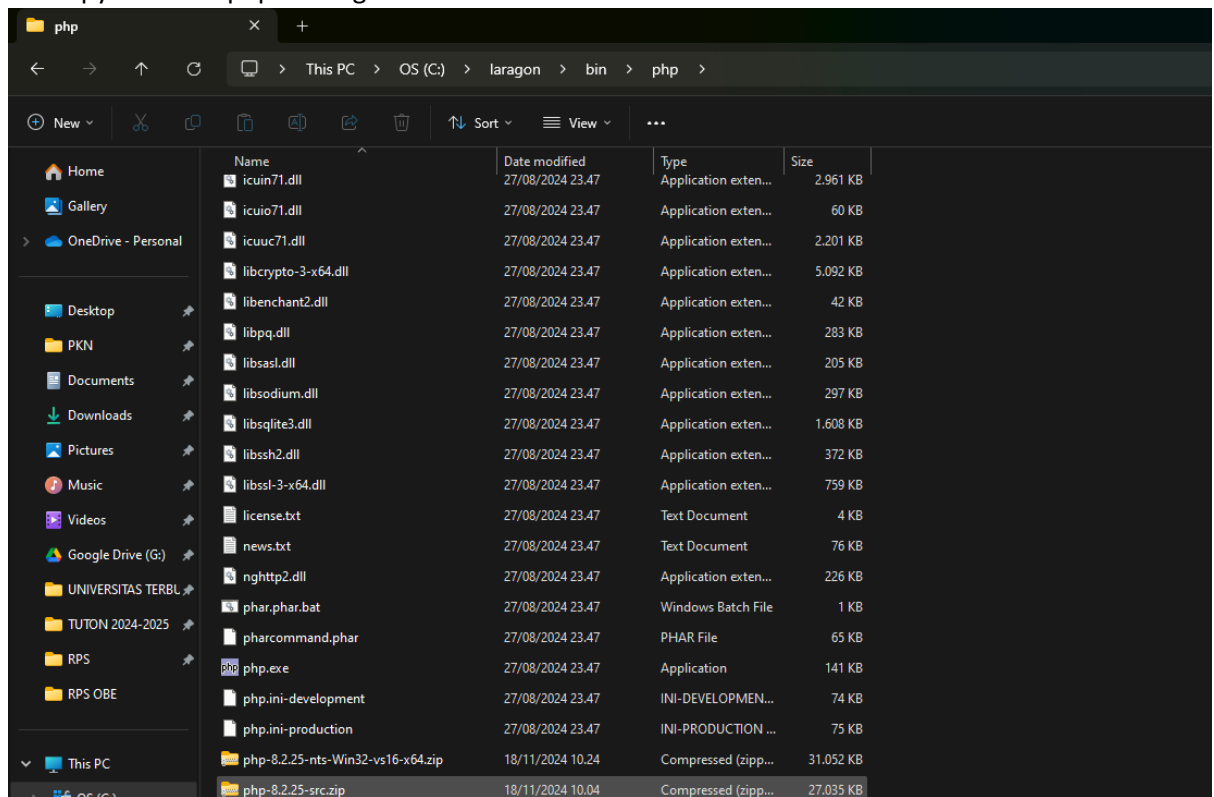
Cek url dengan buka browser dan ketikan : <http://127.0.0.1:8000/> maka akan muncul: Laravel berhasil di install



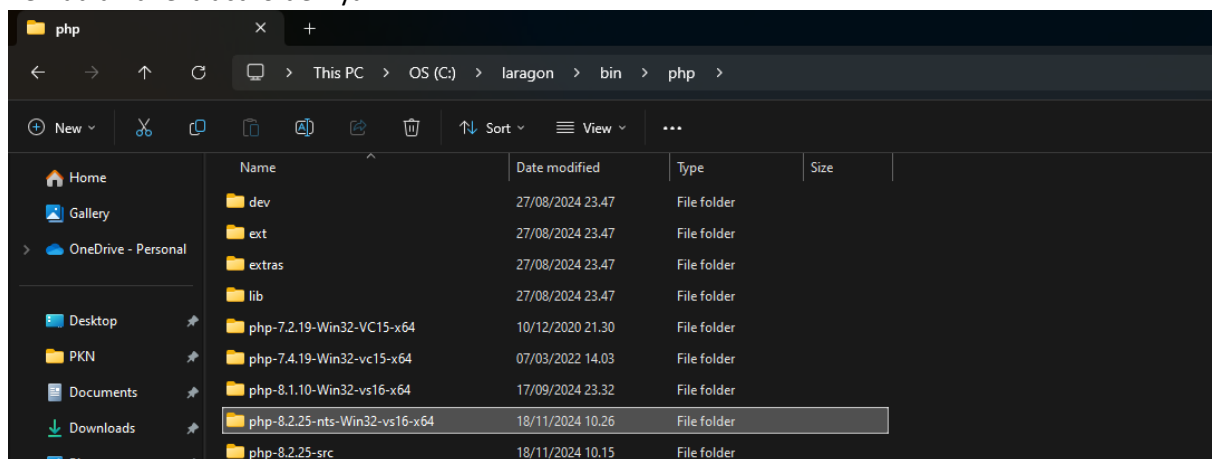
Catatan:

Untuk kasus yang ibu, ibu update versi php di laragon nya

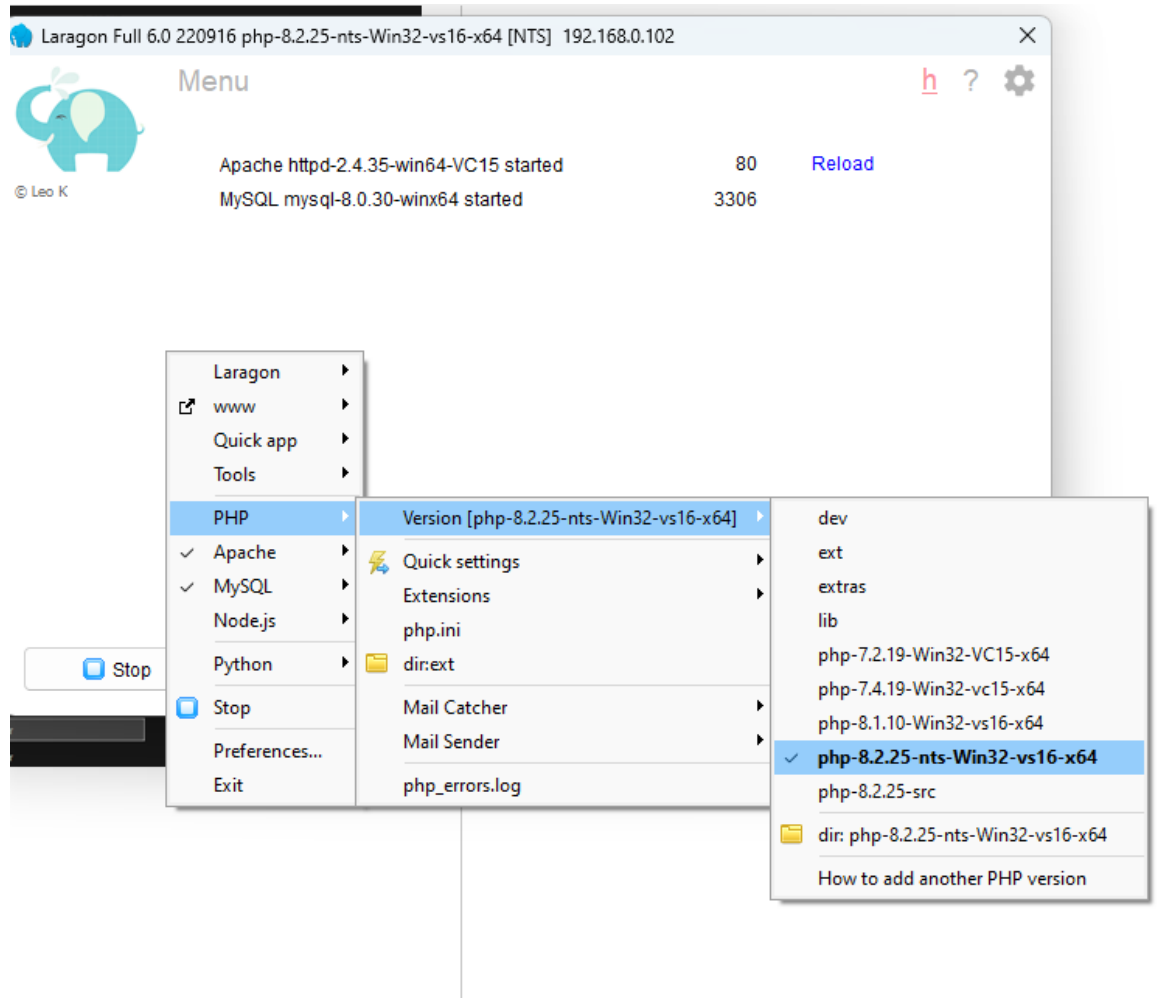
1. Download versi php <https://windows.php.net/download/>
2. Ibu copy ke folder php di laragon



Kemudian di extract foldernya:



Sehingga dalam laraginnnya muncul versi terbaru:



Hasil akhir praktek hari ini adalah

Laravel terinstall di localhost dengan url → <http://127.0.0.1:8000/>

