

CREATING LARAVEL PROJECT

Step 1 : Download latest PHP

<https://www.php.net/downloads.php>

Current Stable PHP 8.4.4 (Changelog)

- [php-8.4.4.tar.gz \(sig\)](#) [21,225Kb] 13 Feb 2025
sha256: 719551f50a81961f802aa9102bf4a1a0b5a315074330ab37bc8035a15f4be71b
- [php-8.4.4.tar.bz2 \(sig\)](#) [17,158Kb] 13 Feb 2025
sha256: 192a325fd3ca09b6c528dd6014ee07d803c3162514d4bb0d3e0981d00ac700ec
- [php-8.4.4.tar.xz \(sig\)](#) [13,270Kb] 13 Feb 2025
sha256: 05a6c9a2cc894dd8be719ecab221b311886d5e0c02cb6fac648dd9b3459681ac
- [Windows downloads](#)



Click the **Windows downloads**

VS17 x64 Non Thread Safe (2025-Feb-11 16:29:52)

- [Zip](#) [32.19MB]

sha256: 950834d4a03cd67c2be12eff2758b2fbffc46abb2671b2929b0d4c0e8b953

- [Debug Pack](#) [37.27MB]

sha256: e0755ac87123f5589016abb840804d0525b5f7f123abe5bd865477edf3094fec

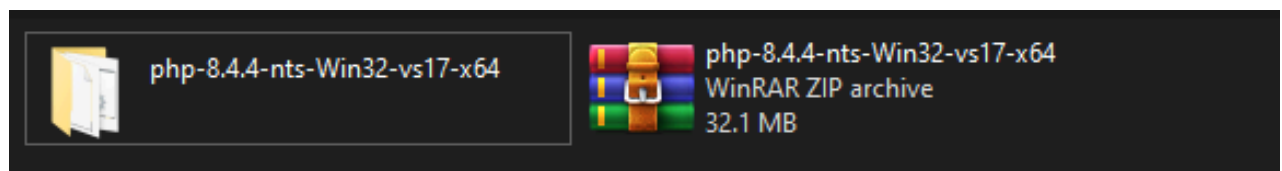
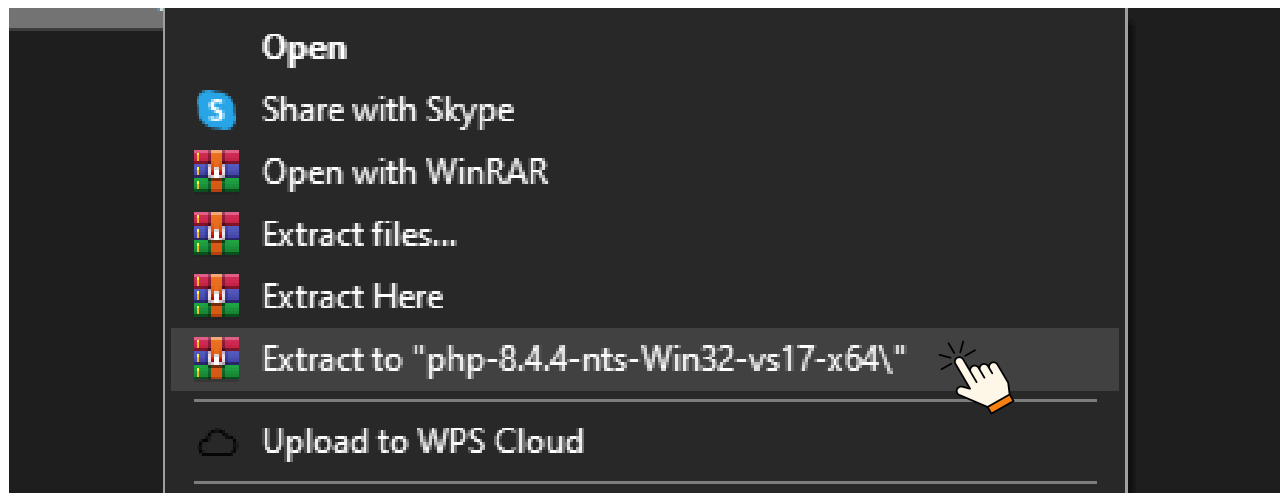
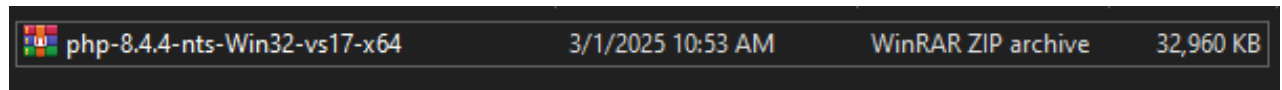
- [Development package \(SDK to develop PHP extensions\)](#) [1.35MB]

sha256: 39c2754dc7dd1acef81de8db9b22793d449e42b66a05178d018a63d9b90460f7

Download Zip

Note: Choose Non-Thread Safe (NTS) because it is faster than Thread Safe (TS) since it does not have extra thread-safety checks and locking mechanisms.


Extract Zip file



Note: Move the extracted directory to your preferred location.

Step 2 : Download and Install Composer

<https://getcomposer.org/download/>

 [Home](#) | [Getting Started](#) | [Download](#) | [Documentation](#) | [Browse Packages](#)

Download Composer Latest: v2.8.6

Windows Installer

The installer - which requires that you have PHP already installed - will download Composer for you and set up your PATH environment variable so you can simply call `composer` from any directory.

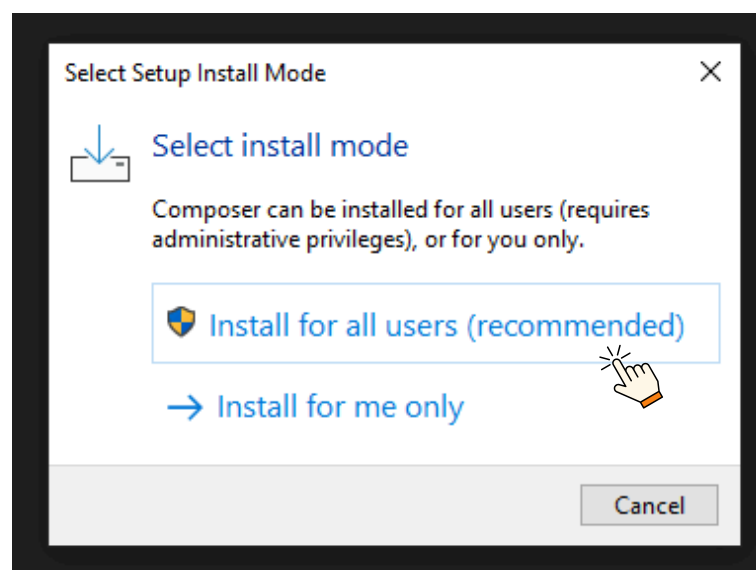
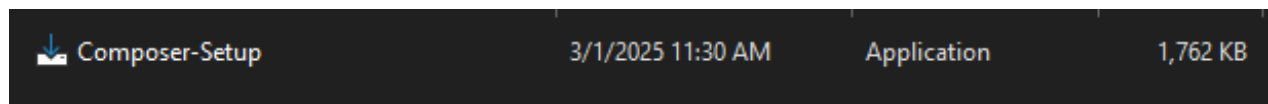
Download and run **Composer-Setup.exe** - it will install the latest composer version whenever it is executed.

Command-line installation

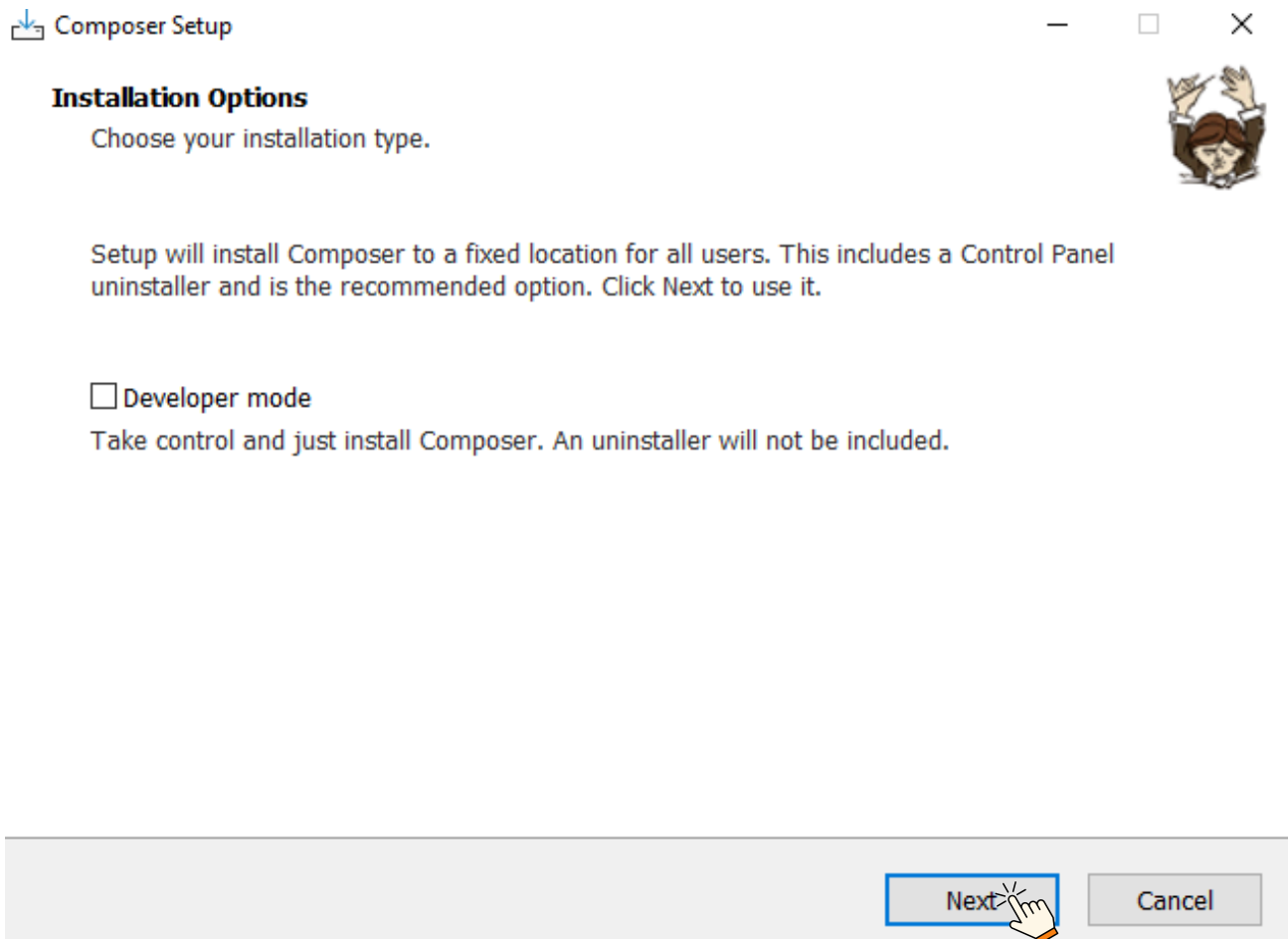
To quickly install Composer in the current directory, run the following script in your terminal. To automate the installation, use [the guide on installing Composer programmatically](#).

```
php -r "copy('https://getcomposer.org/installer', 'composer-setup.php');"
php -r "if (hash_file('sha384', 'composer-setup.php') === 'dac665fdc30fdd8ec78b38b9800061b4150413fff2e3b6f88543c
php composer-setup.php
php -r "unlink('composer-setup.php');"
```

Click **Composer-Setup.exe**



After downloading, click to **install**.



Click **Next**.

Composer Setup

Settings Check

We need to check your PHP and other settings.



Choose the command-line PHP you want to use:

C:\xampp\php\php.exe

Browse...



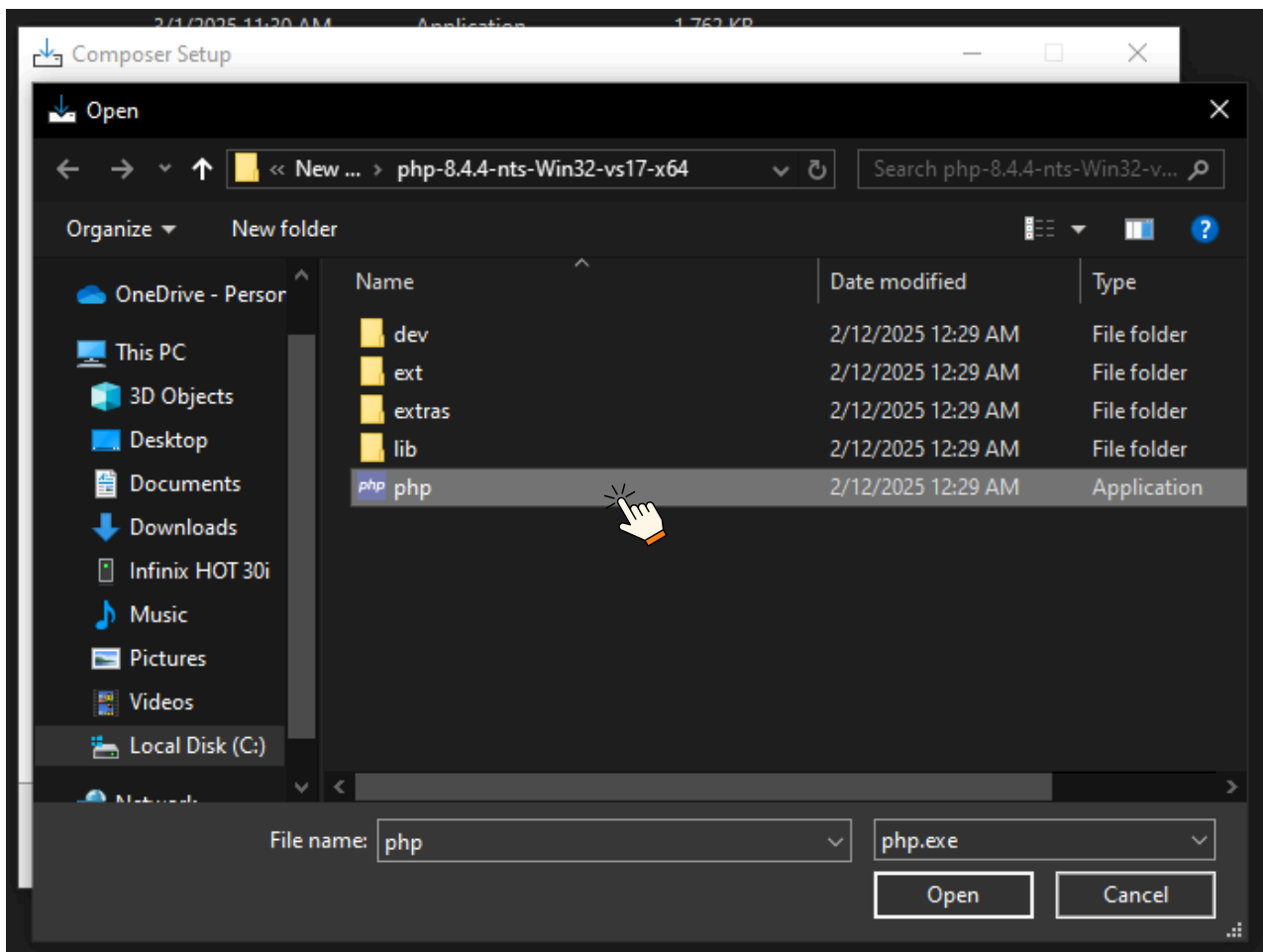
This is the PHP in your path. Click Next to use it.

Back

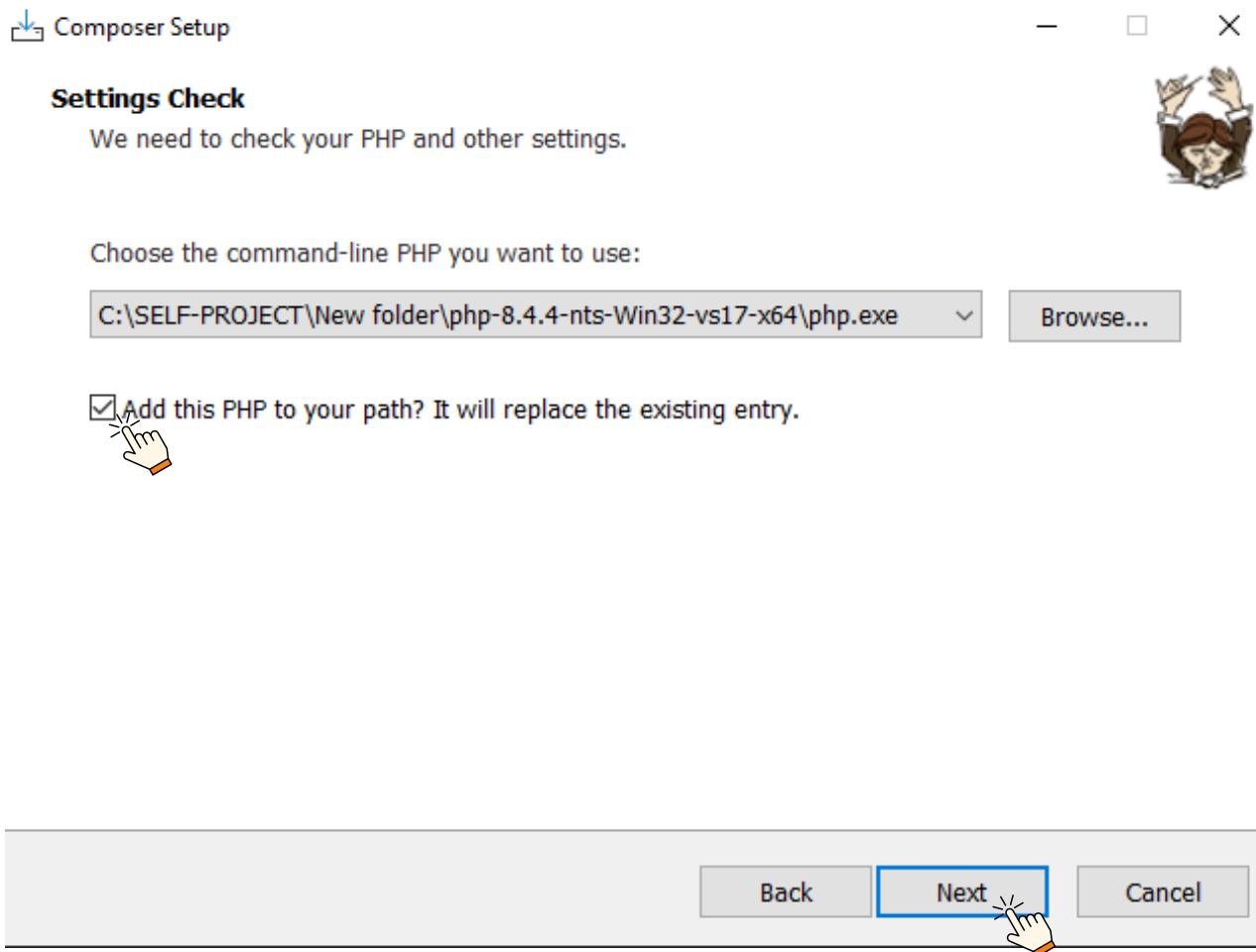
Next

Cancel


Click Browse and find your **extracted PHP**.



Click **PHP**



Click the **add this PHP** to your path? It will replace the existing entry. Then click **next**.

 Composer Setup

— □ ×

Proxy Settings

Choose if you need to use a proxy.



☐ Use a proxy server to connect to internet

Enter proxy url

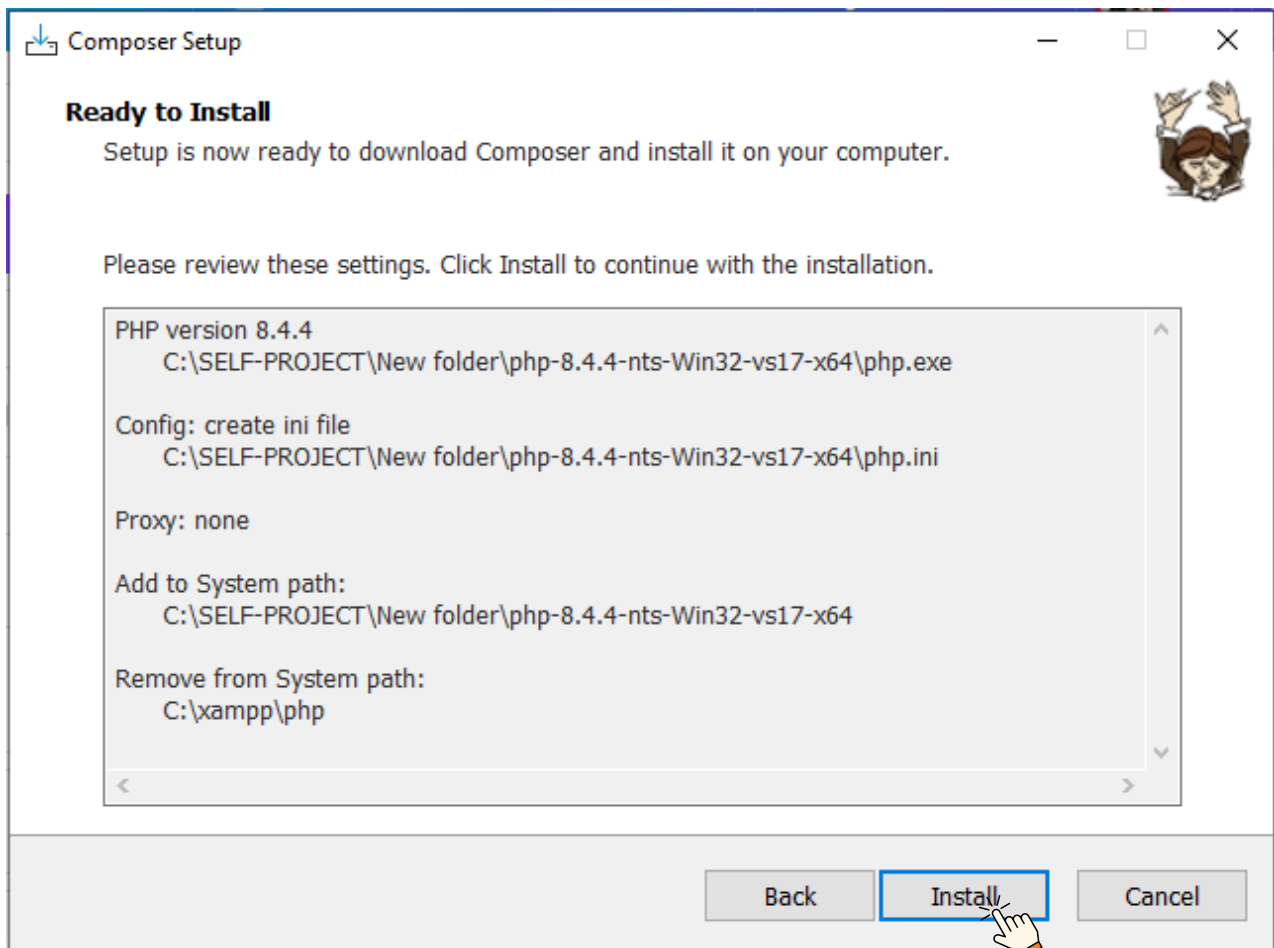
Back

Next

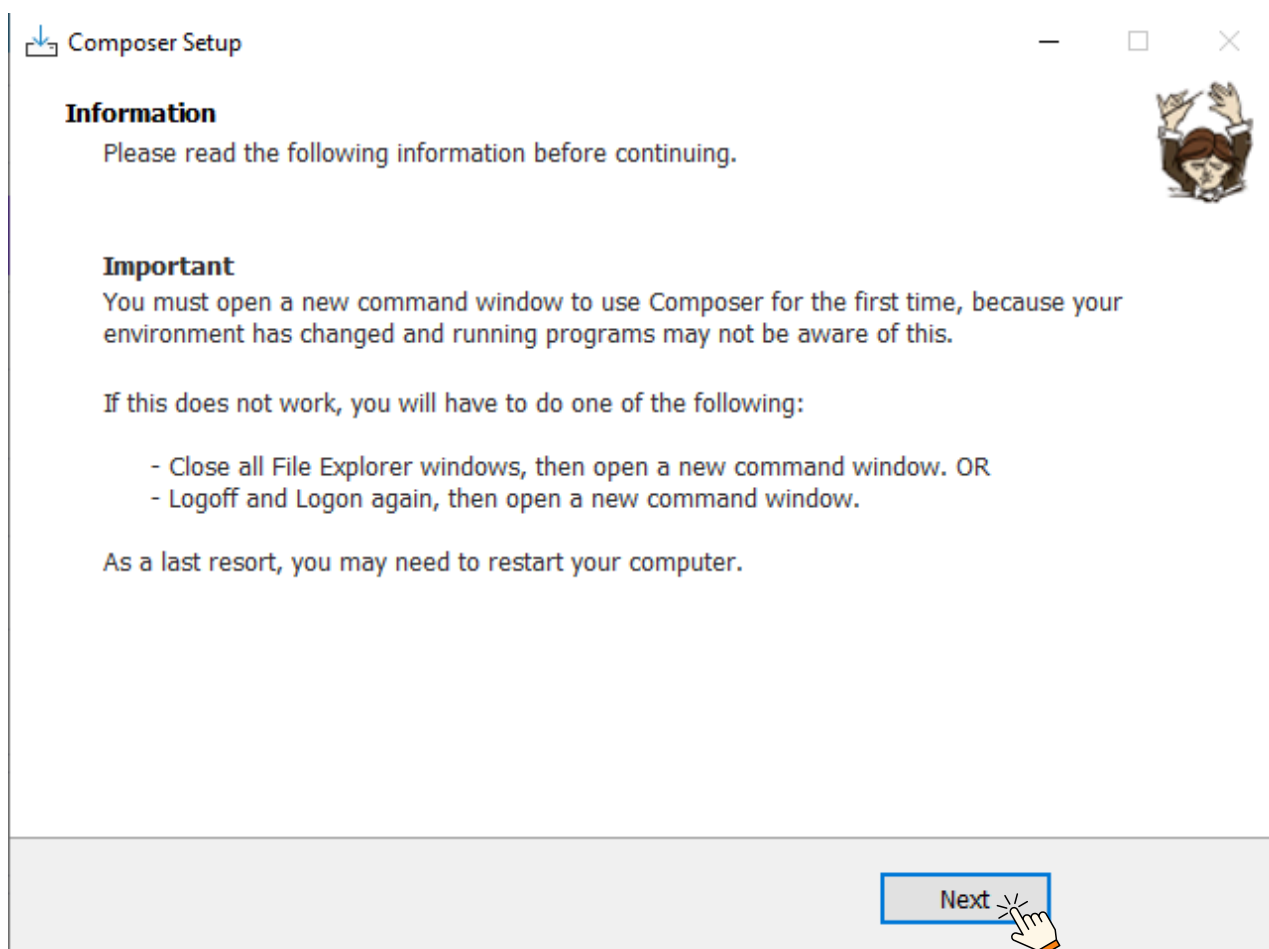
Cancel



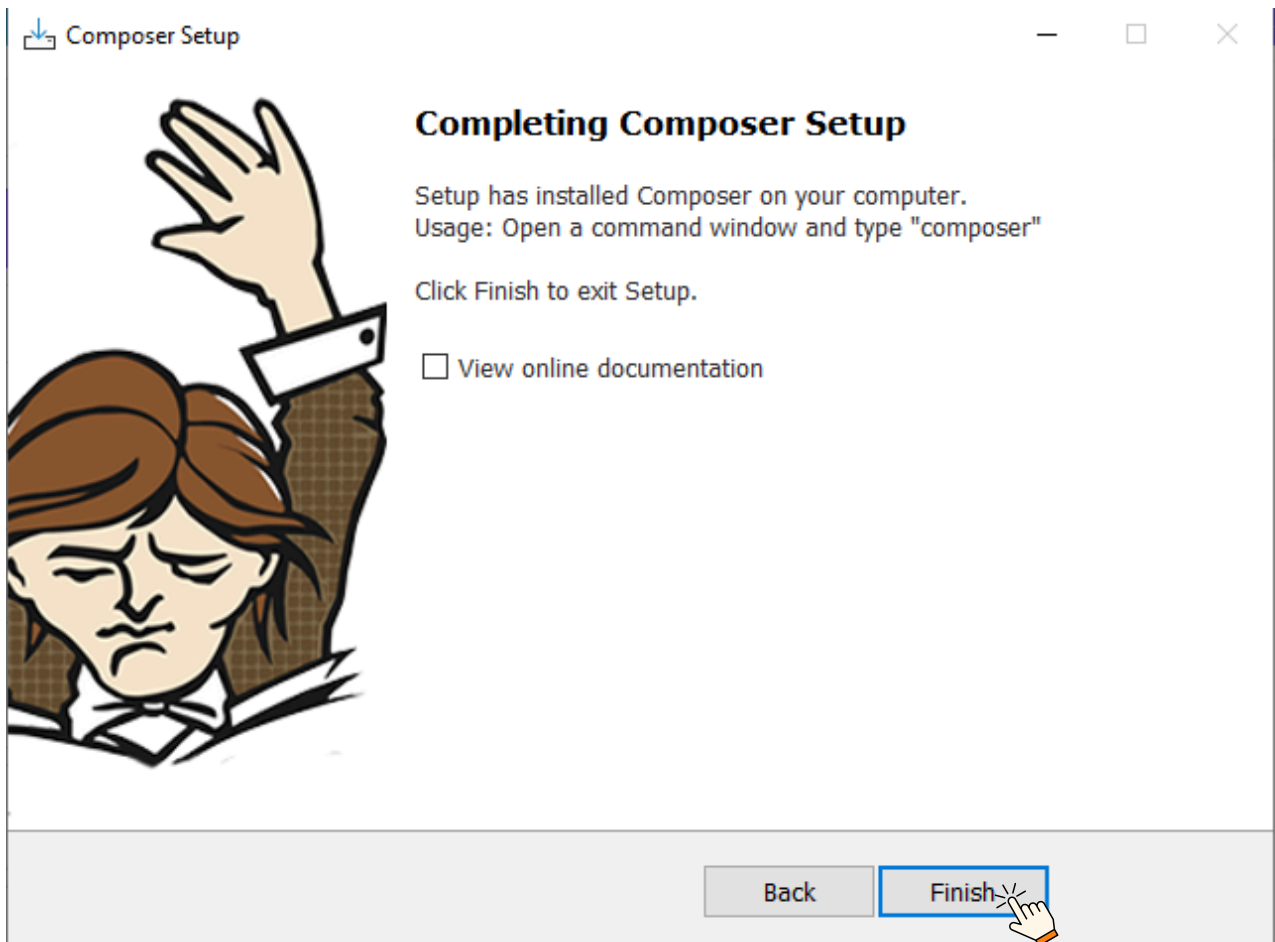
Now click **next**



Click **Install**

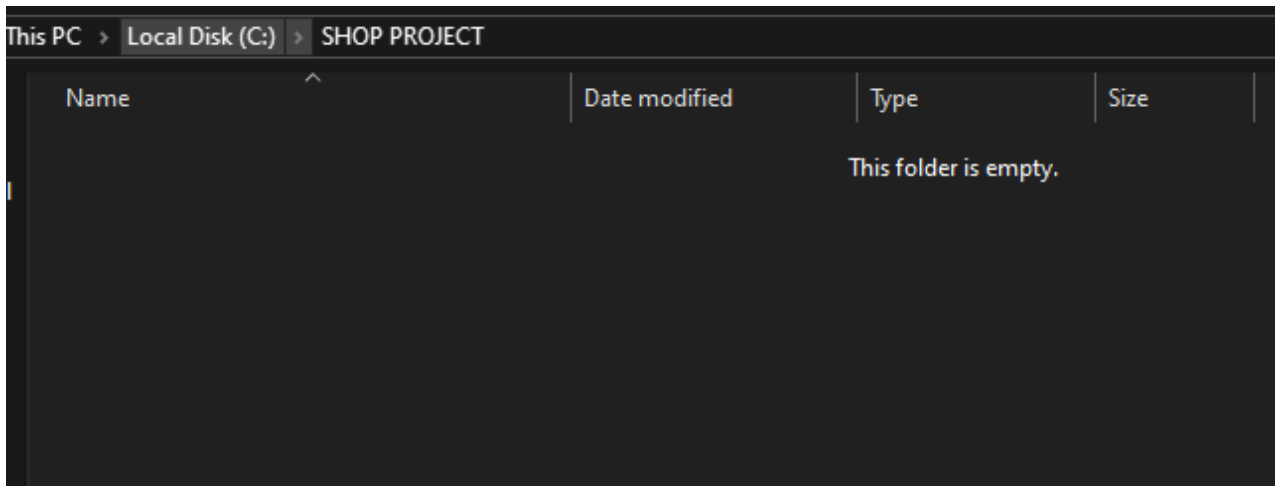


Click **Next**

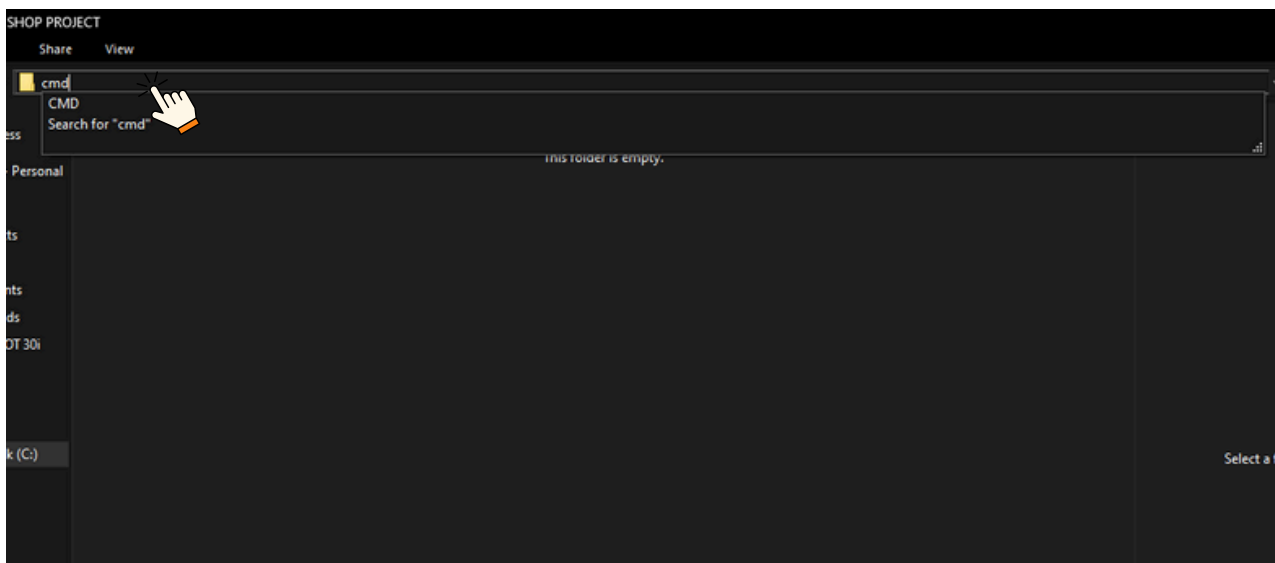


Click **Finish**

Step 3: Create Laravel Project



Note: Go to a directory where you want to create a new laravel project



Click the address bar and type **cmd**

```
Select C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.5487]
(c) Microsoft Corporation. All rights reserved.

C:\SHOP PROJECT>composer create-project laravel/laravel project-name
```

Type: `composer create-project laravel/laravel project-name`. In place of "project-name", you can use your desired project name.

```
Select C:\Windows\System32\cmd.exe

C:\SHOP PROJECT>composer create-project laravel/laravel back-end
Creating a "laravel/laravel" project at "./back-end"
Installing laravel/laravel (v12.0.1)
  Failed to download laravel/laravel from dist: The zip extension and unzip/7z commands are both missing, skipping.
The php.ini used by your command-line PHP is: C:\SELF-PROJECT\New folder\php-8.4.4-nts-Win32-vs17-x64\php.ini
Now trying to download from source
  - Syncing laravel/laravel (v12.0.1) into cache
  - Installing laravel/laravel (v12.0.1): Cloning c7e8fc4fda from cache
Created project in C:\SHOP PROJECT\back-end
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Your requirements could not be resolved to an installable set of packages.

Problem 1
  - Root composer.json requires laravel/framework ^12.0 -> satisfiable by laravel/framework[v12.0.0, v12.0.1].
  - laravel/framework[v12.0.0, ..., v12.0.1] require league/flysystem-local ^3.25.1 -> satisfiable by league/flysystem-local[3.25.1, 3.28.0, 3.29.0].
  - league/flysystem-local[3.15.0, ..., 3.29.0] require ext-fileinfo * -> it is missing from your system. Install or enable PHP's fileinfo extension.

To enable extensions, verify that they are enabled in your .ini files:
  - C:\SELF-PROJECT\New folder\php-8.4.4-nts-Win32-vs17-x64\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-fileinfo` to temporarily ignore these required extensions.

C:\SHOP PROJECT>
```

If you encounter this error, go to the php.ini file in the latest PHP version you downloaded.

pci	1/27/2016 7:02 PM	Cascading Style S...	2 KB
pciconf	3/1/2025 10:50 AM	File	18 KB
pciconf	3/1/2025 10:50 AM	Windows Batch File	1 KB
pear	3/1/2025 10:50 AM	Windows Batch File	5 KB
peardev	3/1/2025 10:50 AM	Windows Batch File	5 KB
pecl	3/1/2025 10:50 AM	Windows Batch File	5 KB
phar.phar	2/12/2025 12:29 AM	Windows Batch File	1 KB
pharcommand.phar	2/12/2025 12:29 AM	PHAR File	65 KB
php	2/12/2025 12:29 AM	Application	179 KB
php	3/1/2025 10:50 AM	Configuration sett...	76 KB
php	2/12/2025 12:29 AM	INI-DEVELOPMEN...	70 KB
php.ini-production	2/12/2025 12:29 AM	INI-PRODUCTION ...	70 KB
php8.dll	2/12/2025 12:29 AM	Application exten...	12,201 KB
php8apache2_4.dll	10/25/2023 5:56 AM	Application exten...	35 KB
php8embed.lib	2/12/2025 12:29 AM	LIB File	972 KB
php8phpdbg.dll	2/12/2025 12:29 AM	Application exten...	238 KB
php8ts.dll	10/25/2023 5:56 AM	Application exten...	8,862 KB
php-cgi	2/12/2025 12:29 AM	Application	105 KB
phpdbg	2/12/2025 12:29 AM	Application	278 KB
phpunit	3/1/2025 10:50 AM	File	3 KB
phpunit	3/1/2025 10:50 AM	Windows Batch File	2 KB
php-win	2/12/2025 12:29 AM	Application	76 KB
README	2/12/2025 12:29 AM	Markdown Source	5 KB

Open **PHP.ini** then find extension=

```
;extension=bz2
extension=curl
;extension=ffi
;extension=ftp
extension=fileinfo
;extension=gd
;extension=gettext
;extension=gmp
;extension=intl
;extension=ldap
extension=mbstring
;extension=exif      ; Must be after mbstring as it depends on it
extension=mysqli
;extension=odbc
extension=openssl
;extension=pdo_firebird
extension=pdo_mysql
;extension=pdo_odbc
;extension=pdo_pgsql
;extension=pdo_sqlite
;extension=pgsql
;extension=shmop

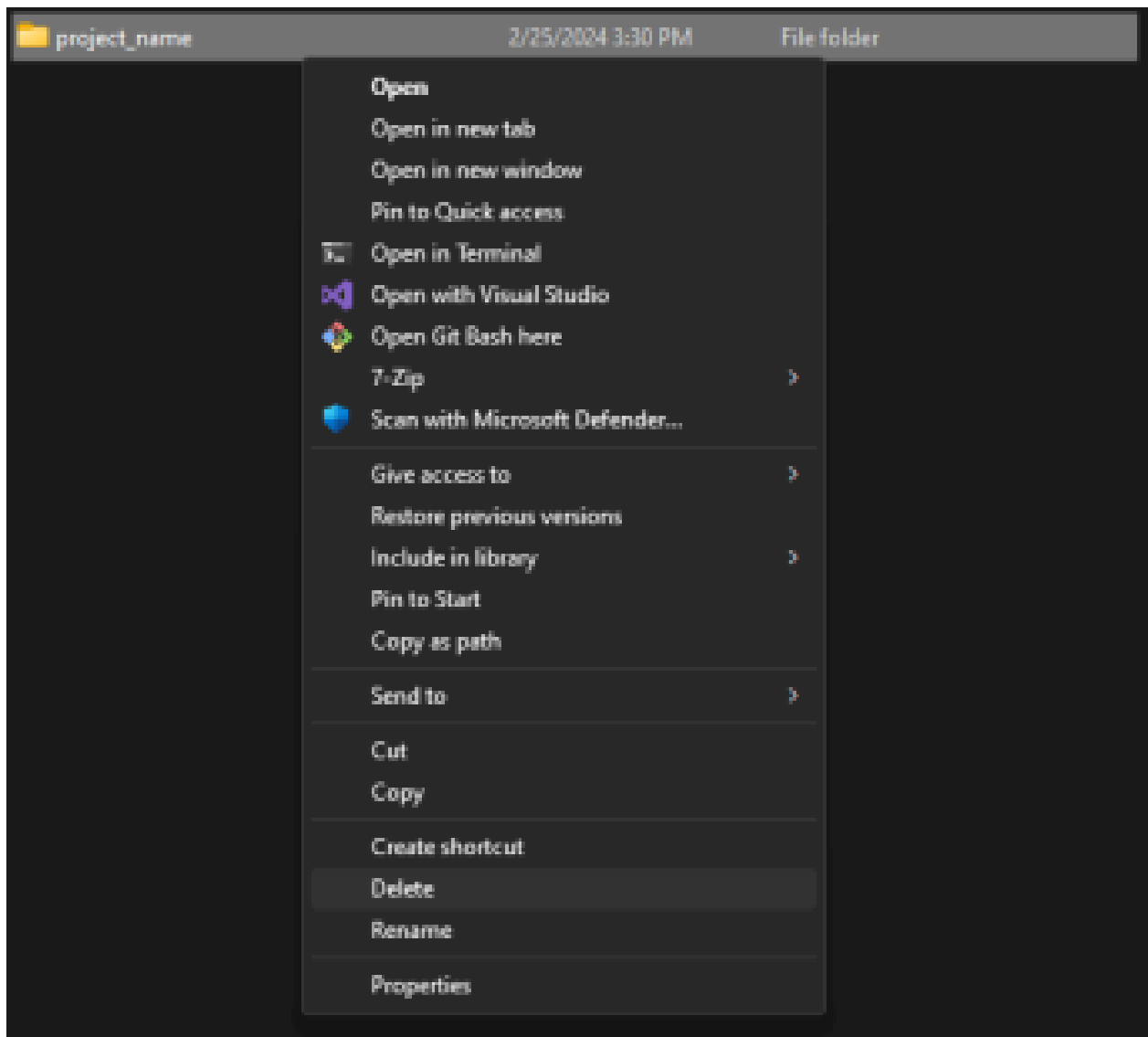
; The MIBS data available in the PHP distribution must be installed.
; See https://www.php.net/manual/en/snmp.installation.php
extension=snmp

;extension=soap
;extension=sockets
;extension=sodium
;extension=sqlite3
;extension=tidy
;extension=xsl
extension=zip
```

Uncomment the following extension by removing the semicolon (;) at the left side.

- **extension=fileinfo**
- **extension=mysqli**
- **extension=pdo_mysql**
- **extension=zip**

Once that's done you may now save the PHP.ini file



After that, go to your folder and delete the **project_name** folder.

```
Creating a "laravel/laravel" project at "../back-end"
Installing laravel/laravel (v12.0.1)
  - Installing laravel/laravel (v12.0.1): Extracting archive
Created project in C:\SHOP PROJECT\back-end
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 110 installs, 0 updates, 0 removals
  - Locking brick/math (0.12.3)
  - Locking carbonphp/carbon-doctrine-types (3.2.0)
  - Locking dflydev/dot-access-data (v3.0.3)
  - Locking doctrine/inflector (2.0.10)
  - Locking doctrine/lexer (3.0.1)
  - Locking dragonmantank/cron-expression (v3.4.0)
  - Locking egulias/email-validator (4.0.3)
  - Locking fakerphp/faker (v1.24.1)
  - Locking filp/whoops (2.17.0)
  - Locking fruitcake/php-cors (v1.3.0)
  - Locking graham-campbell/result-type (v1.1.3)
  - Locking guzzlehttp/guzzle (7.9.2)
  - Locking guzzlehttp/promises (2.0.4)
  - Locking guzzlehttp/psr7 (2.7.0)
  - Locking guzzlehttp/uri-template (v1.0.4)
  - Locking hamcrest/hamcrest-php (v2.0.1)
  - Locking laravel/framework (v12.0.1)
  - Locking laravel/pail (v1.2.2)
  - Locking laravel/pint (v1.21.0)
  - Locking laravel/prompts (v0.3.5)
  - Locking laravel/sail (v1.41.0)
```

Once you delete folder go to cmd again and type : **composer create-project laravel/laravel project-name.**

```
C:\Windows\System32\cmd.exe
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

INFO Discovering packages.

laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

83 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

INFO No publishable resources for tag [laravel-assets].

No security vulnerability advisories found.
> @php artisan key:generate --ansi

INFO Application key set successfully.

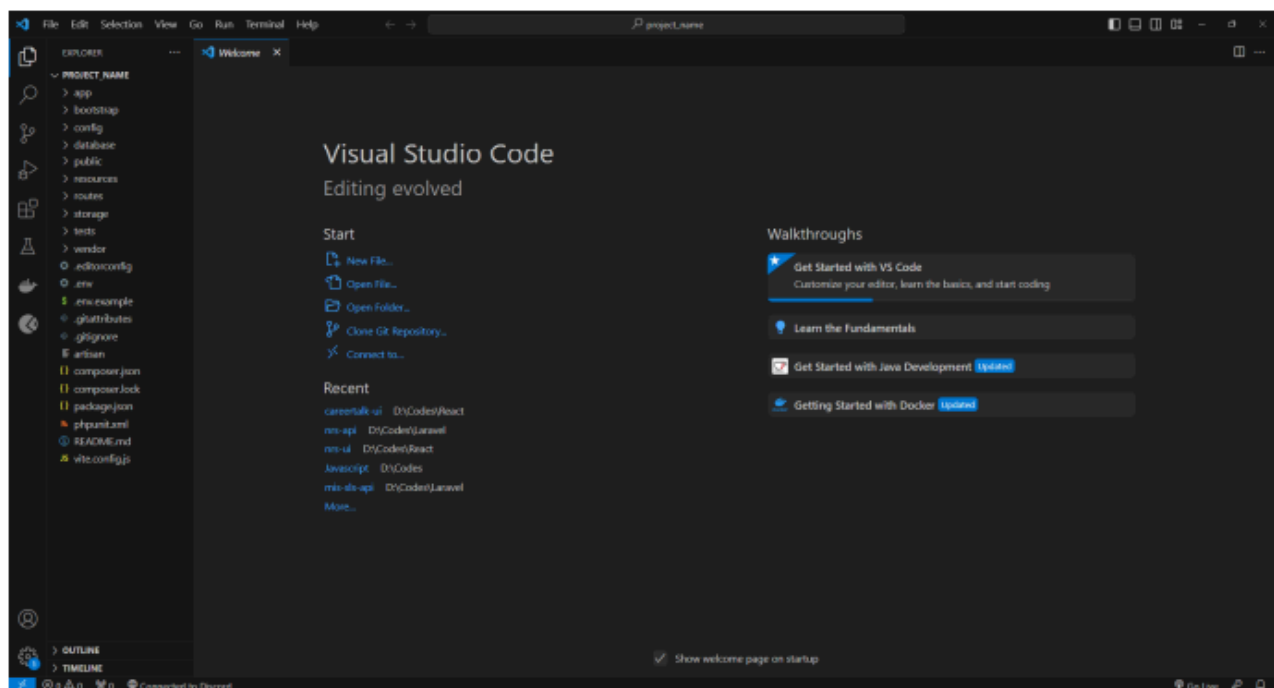
D:\Codes\Laravel>cd project_name

D:\Codes\Laravel\project_name>code .

D:\Codes\Laravel\project_name>|
```

Once the installation is complete you may open your project in vscode by typing

- **cd project_name**
- **code .**



Successfully created your first laravel project.