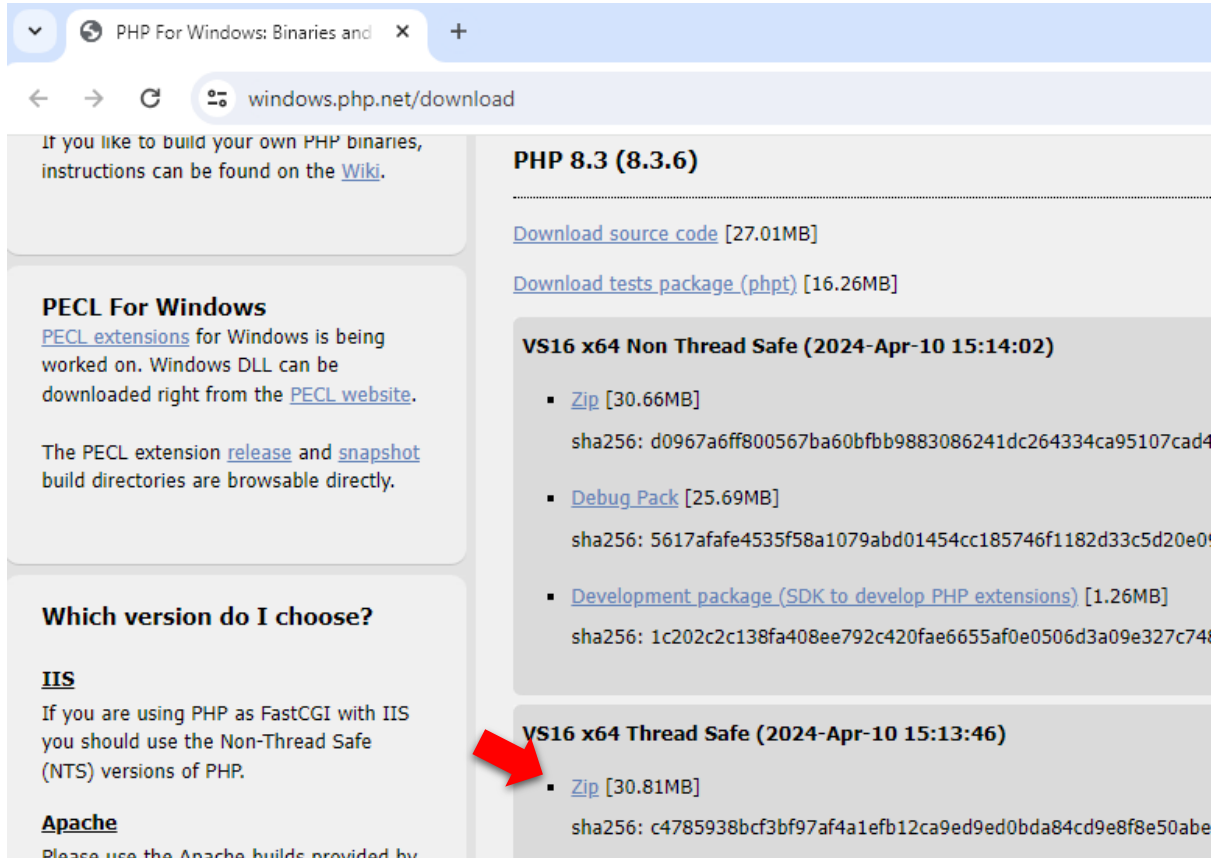


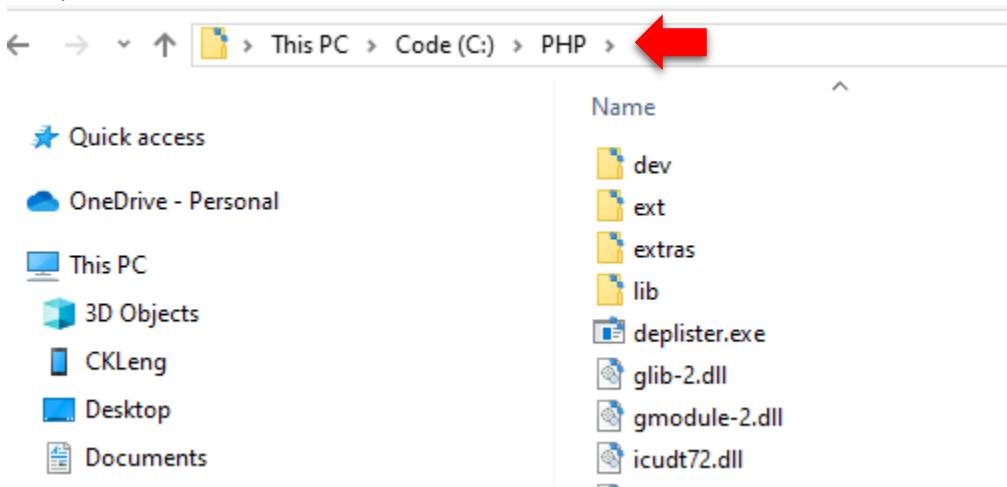
Setup Software for Laravel

Install PHP

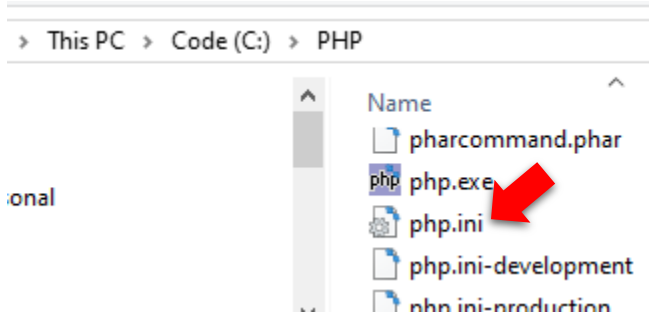
- 1) Go to <https://windows.php.net/download> download PHP interpreter. For example, you may download the thread safe version of Zip file.



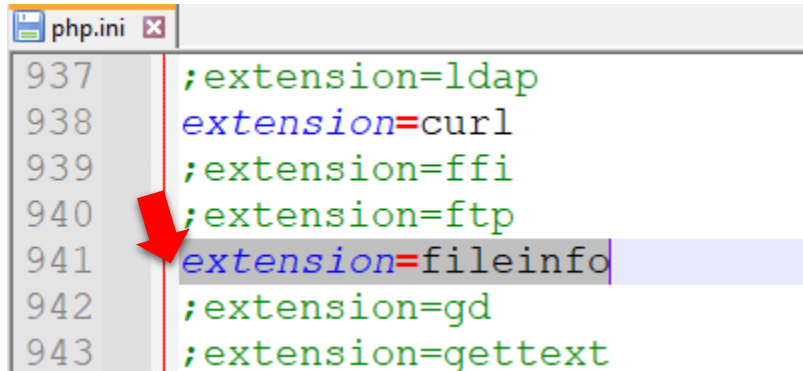
- 2) Unzip it to **C:\PHP** folder



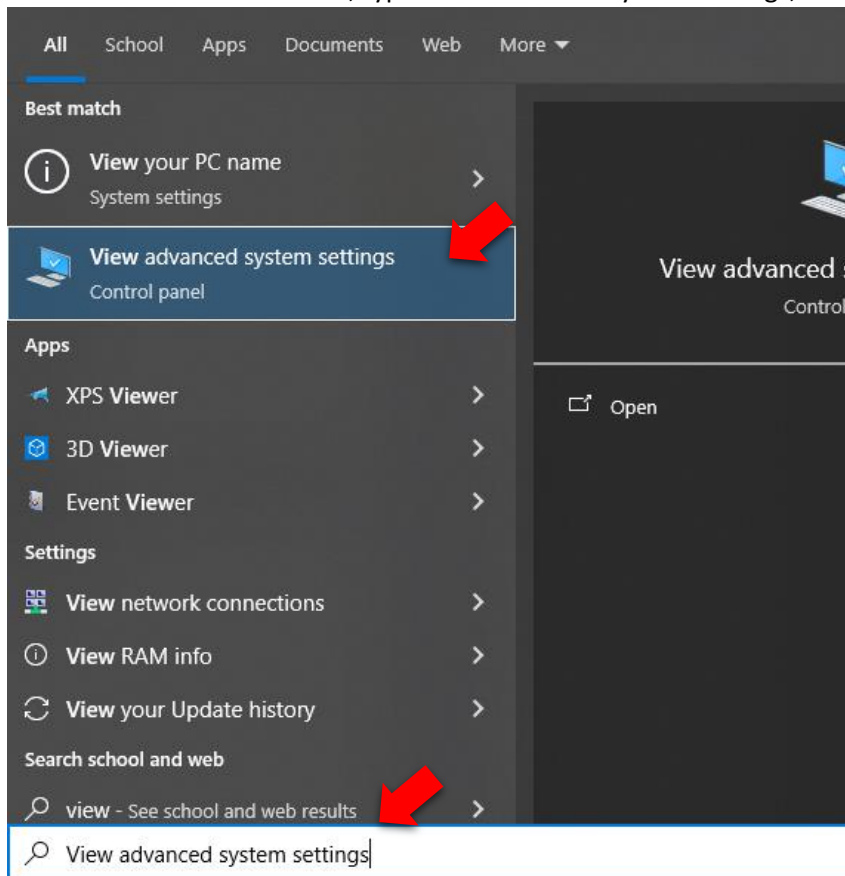
- 3) Go to the C:\PHP folder and open the php.ini file with text editor



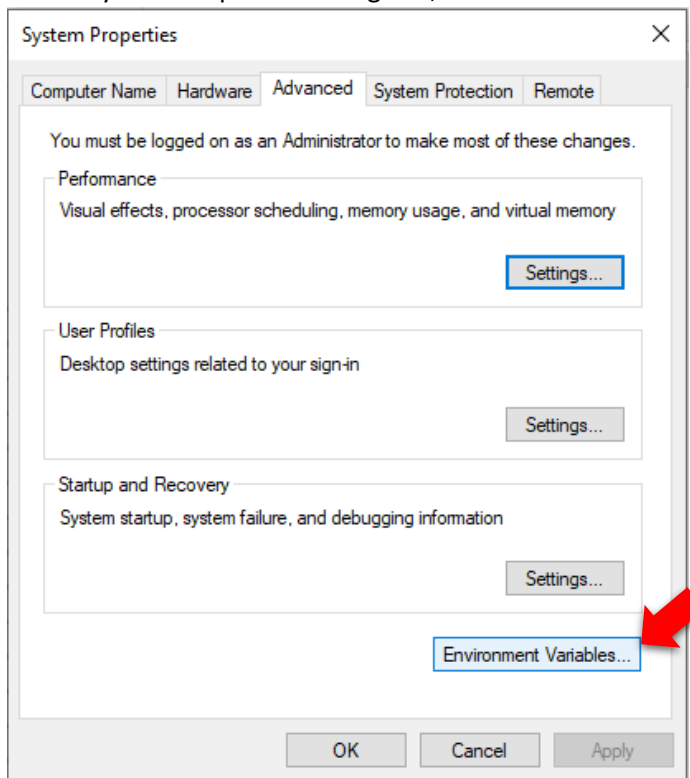
- 4) Locate for Extension=fileinfo, and uncomment it by remove the semicolon



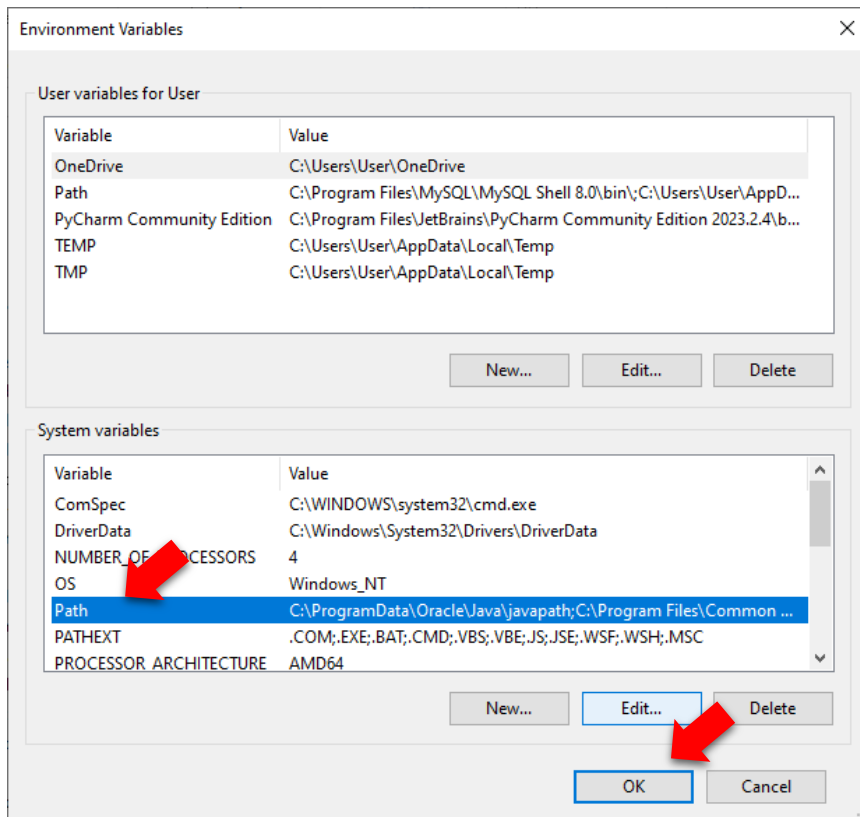
- 5) Save and close the file
- 6) Under Windows Start button, type View advanced system settings, and select it



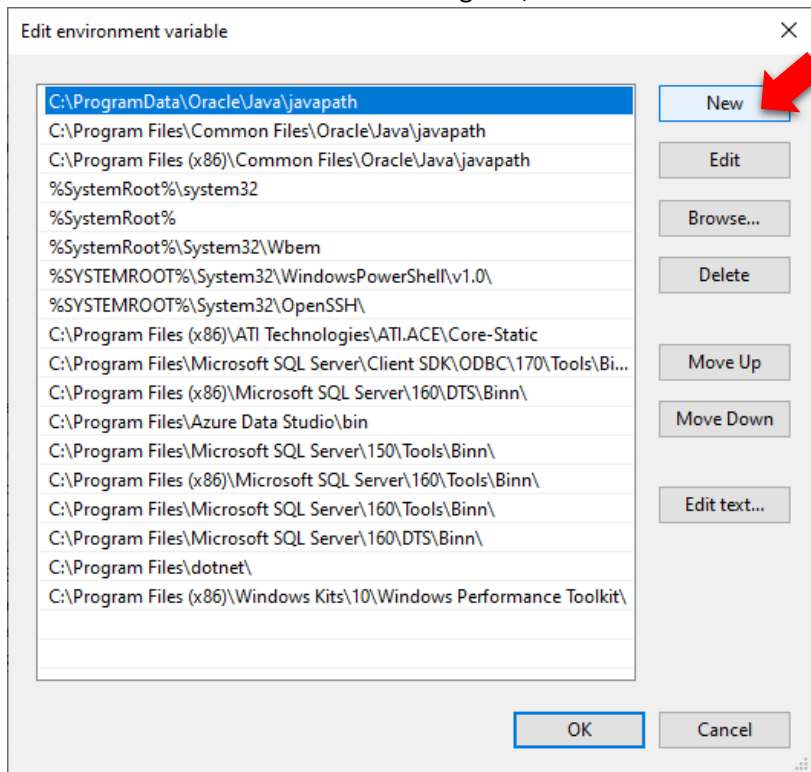
- 7) Under System Properties dialog box, click **Environment Variables...** button



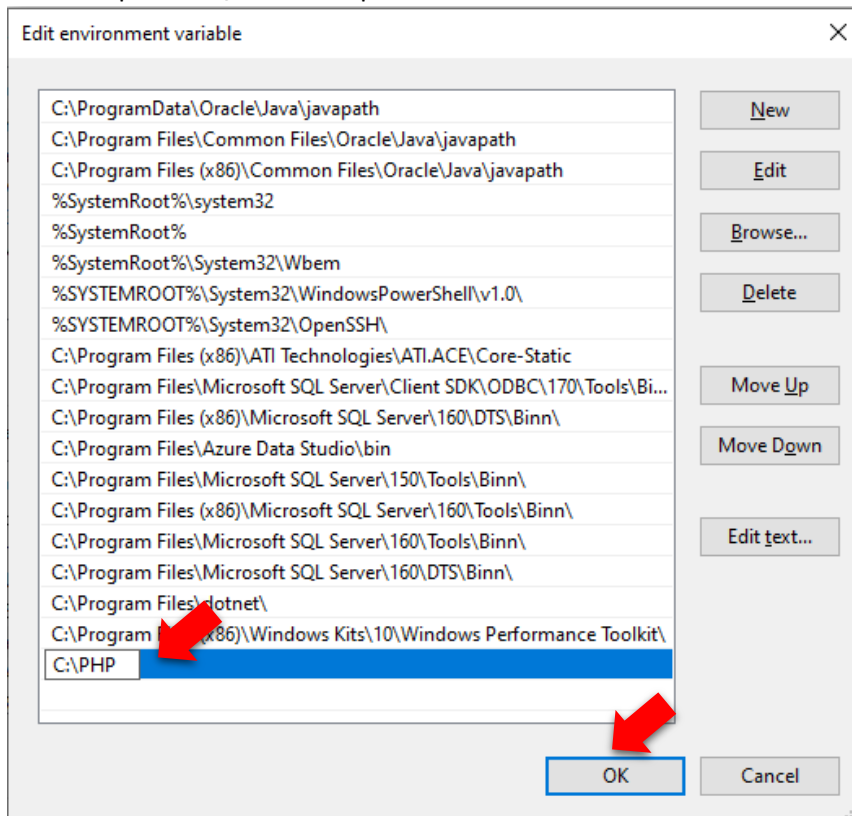
- 8) Under Environment Variables dialog box, under System variables section, select Path, then select Edit



9) Under Edit environment variable dialog box, select **New**

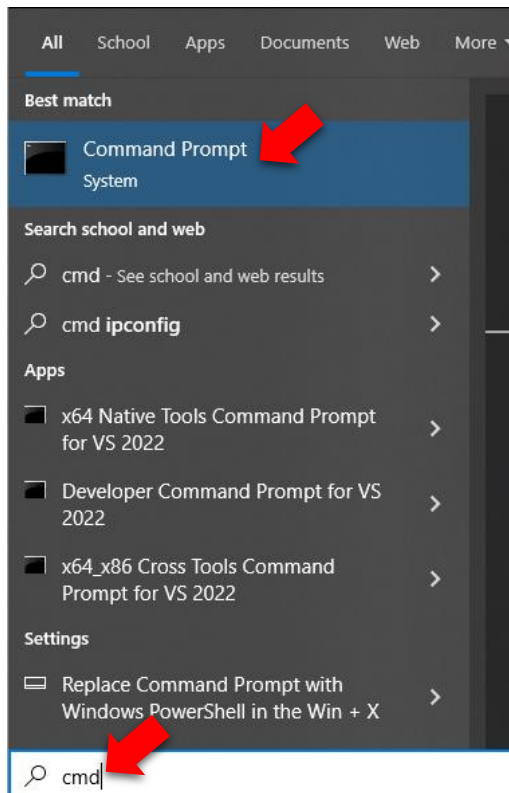


10) Add new path "**C:\PHP**" then press **OK** to confirm



11) Press **OK** buttons to close all the dialog boxes

12) Start a new Command Window



13) Type "PHP -version". If you get the following, the installation successful

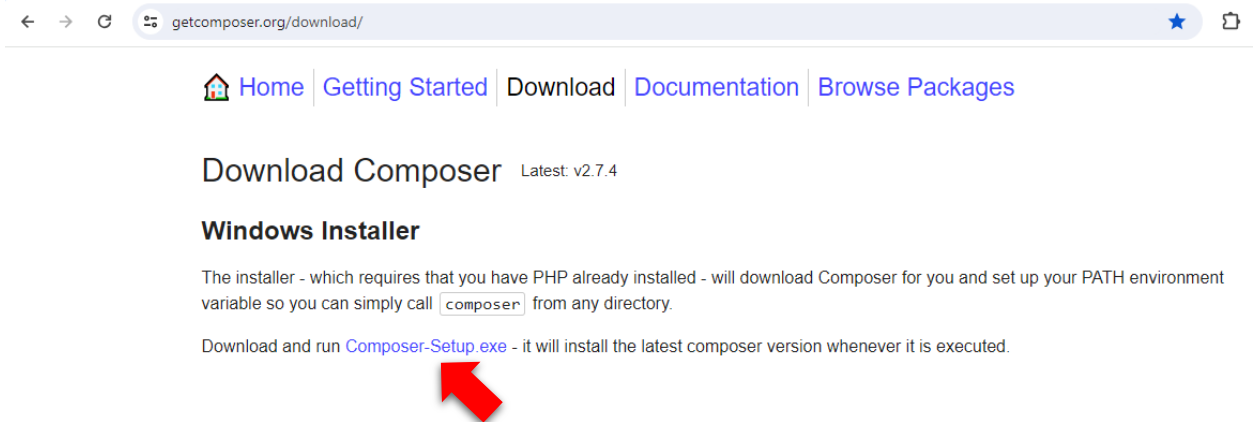
```
Command Prompt
Microsoft Windows [Version 10.0.19045.4046]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>PHP --version
PHP 8.3.6 (cli) (built: Apr 10 2024 14:54:14) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.3.6, Copyright (c) Zend Technologies

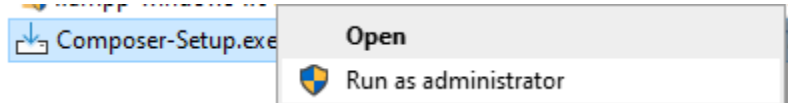
C:\Users\User>
```

Install Composer

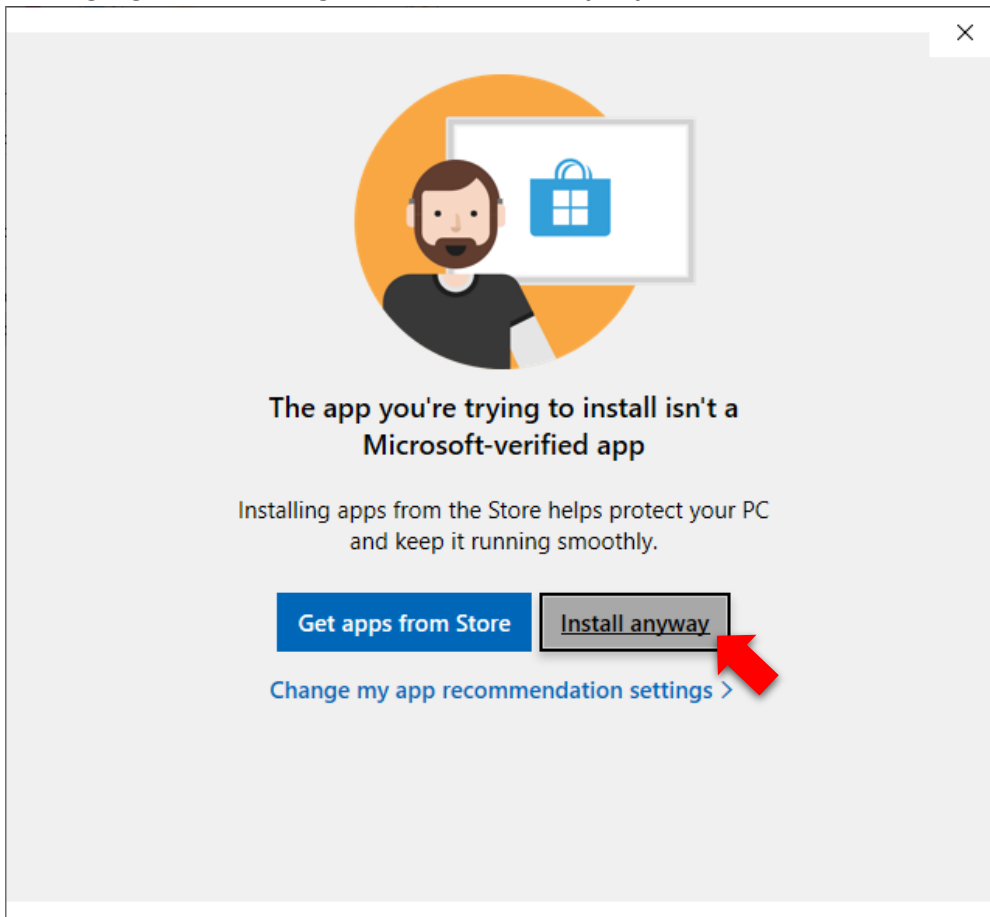
- 1) Go to <https://getcomposer.org/download/>, Click on the following link to download the Setup installer for Windows



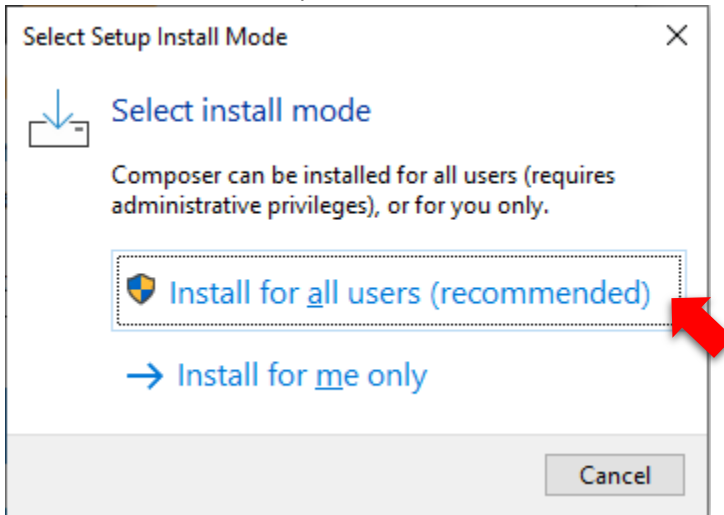
- 2) Run the downloaded Installer



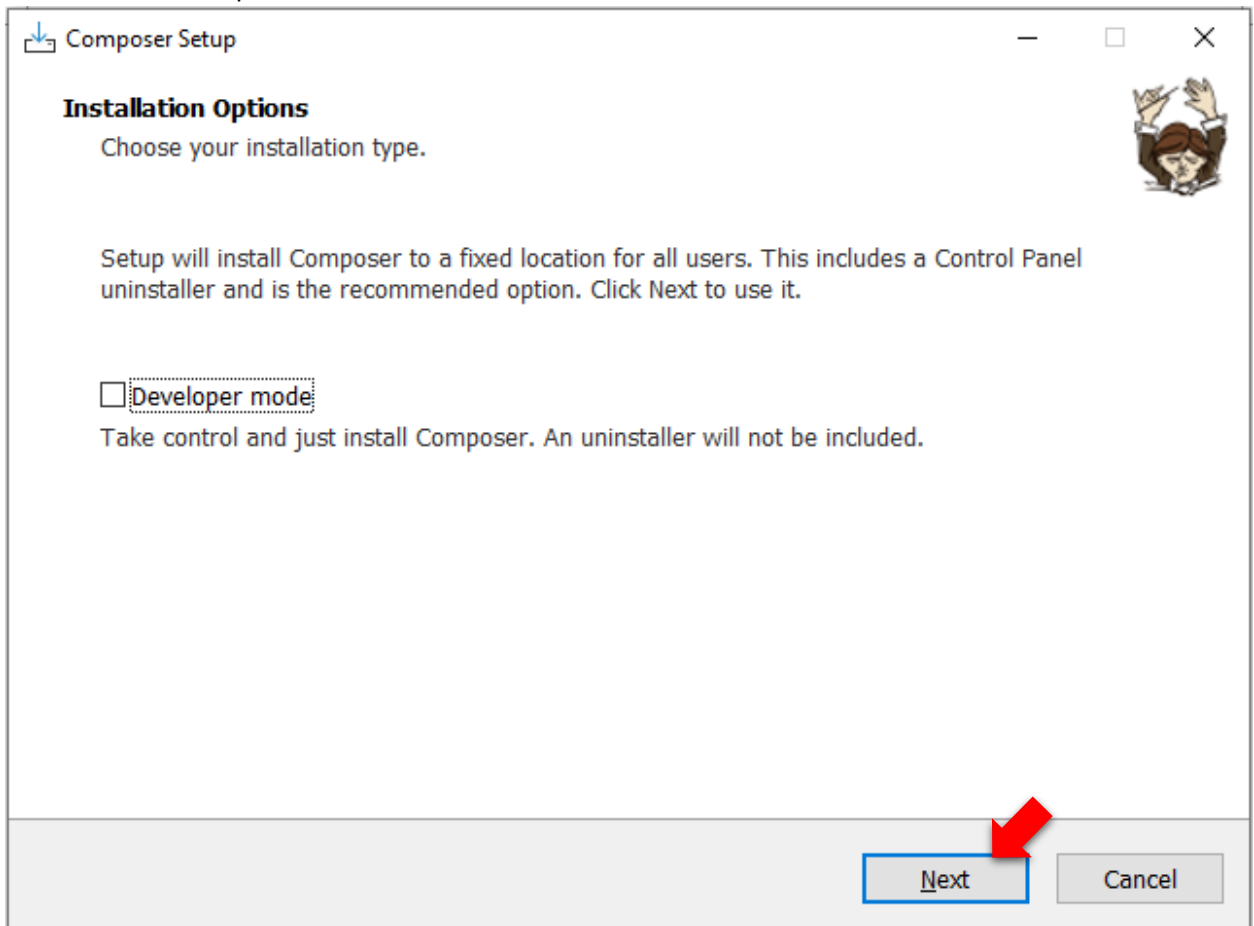
- 3) You might get the following. Just select **Install anyway**.



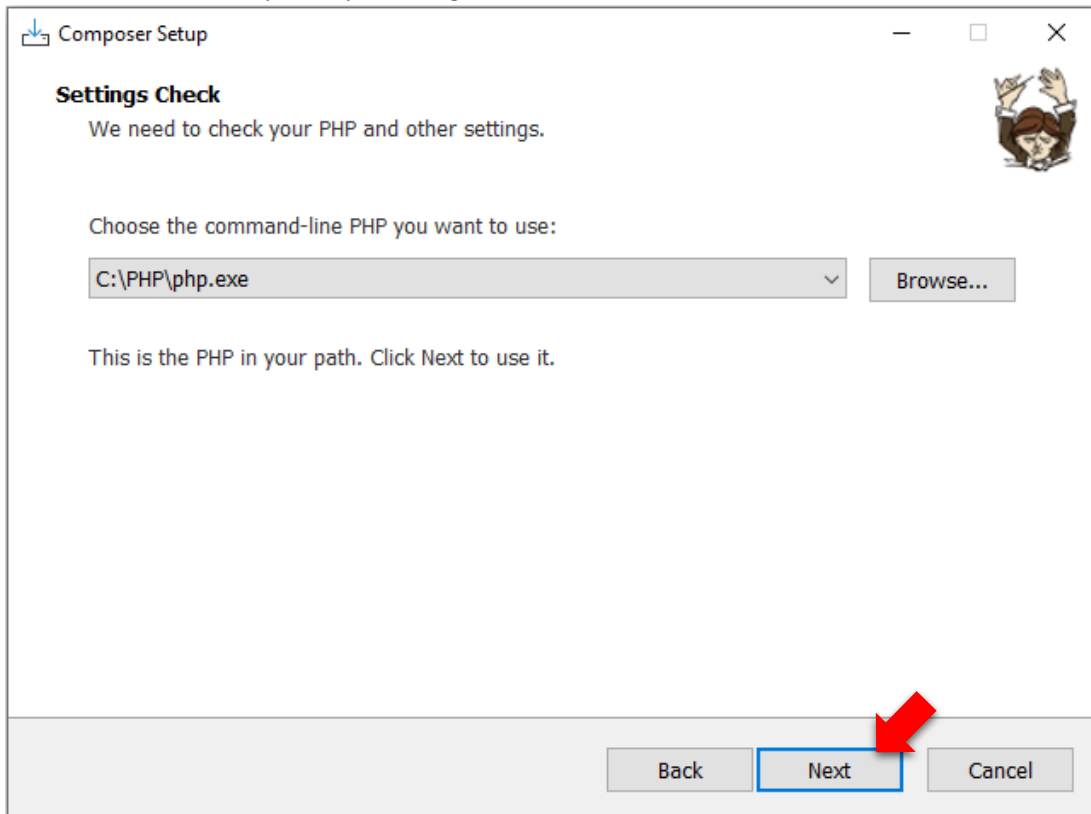
- 4) Use the recommended option



- 5) Don't select Developer Mode. Select **Next**



- 6) Confirm the PHP interpreter path is right. Select **Next**



The dialog box is titled "Composer Setup" and contains a "Settings Check" section. It instructs the user to check their PHP and other settings. A dropdown menu shows the command-line PHP path as "C:\PHP\php.exe", with a "Browse..." button next to it. A message states, "This is the PHP in your path. Click Next to use it." At the bottom, there are three buttons: "Back", "Next", and "Cancel". A red arrow points to the "Next" button.

Composer Setup

Settings Check

We need to check your PHP and other settings.

Choose the command-line PHP you want to use:

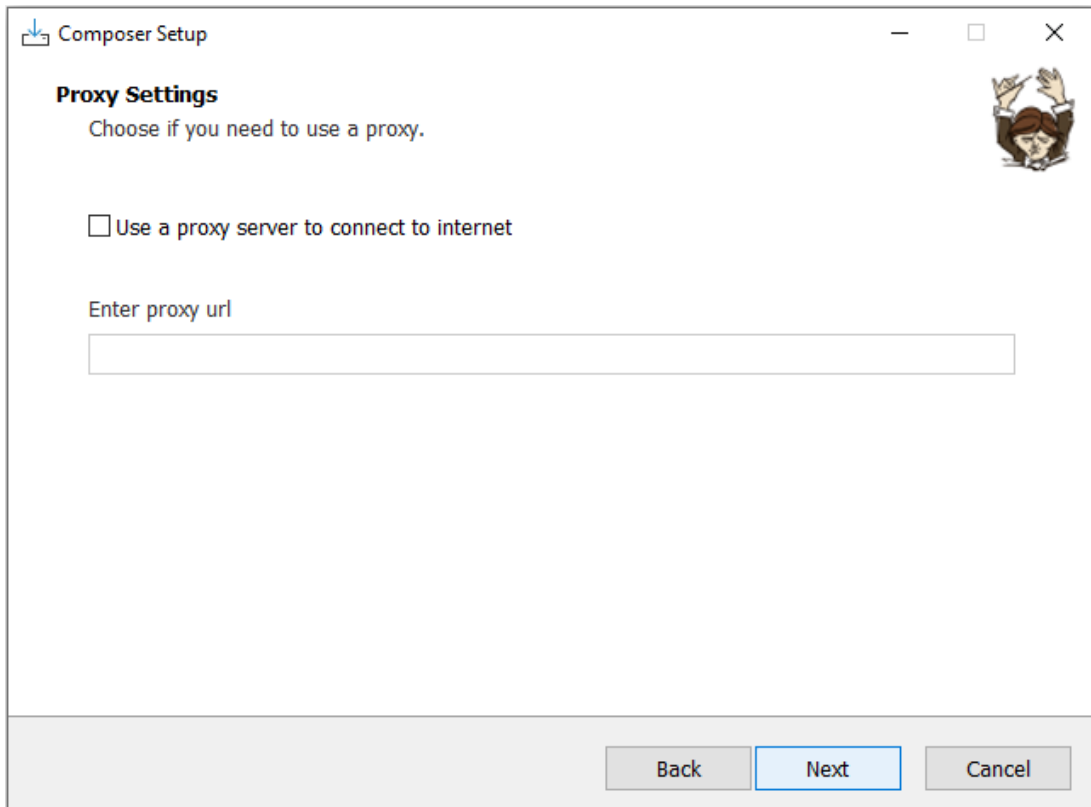
C:\PHP\php.exe

Browse...

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

Back Next Cancel

- 7) Just select Next



The dialog box is titled "Composer Setup" and contains a "Proxy Settings" section. It asks the user to choose if they need to use a proxy. There is a checkbox labeled "Use a proxy server to connect to internet". Below this is a text input field labeled "Enter proxy url". At the bottom, there are three buttons: "Back", "Next", and "Cancel".

Composer Setup

Proxy Settings

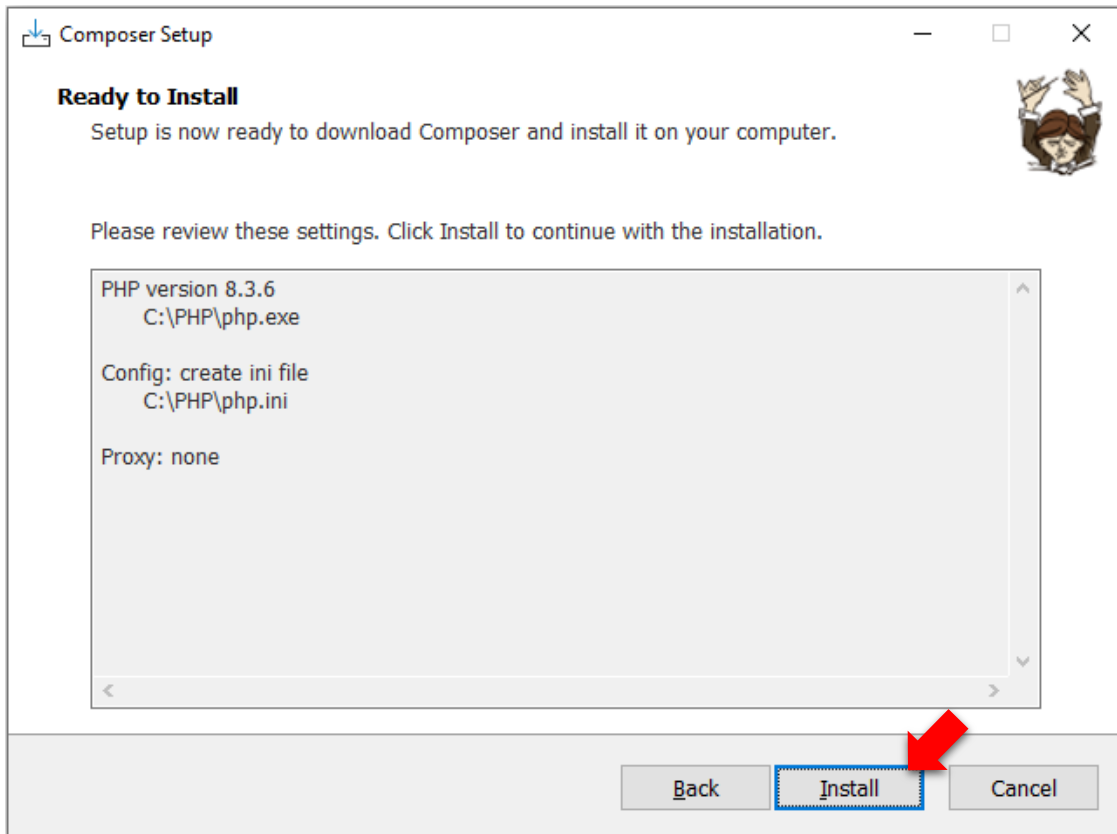
Choose if you need to use a proxy.

☐ Use a proxy server to connect to internet

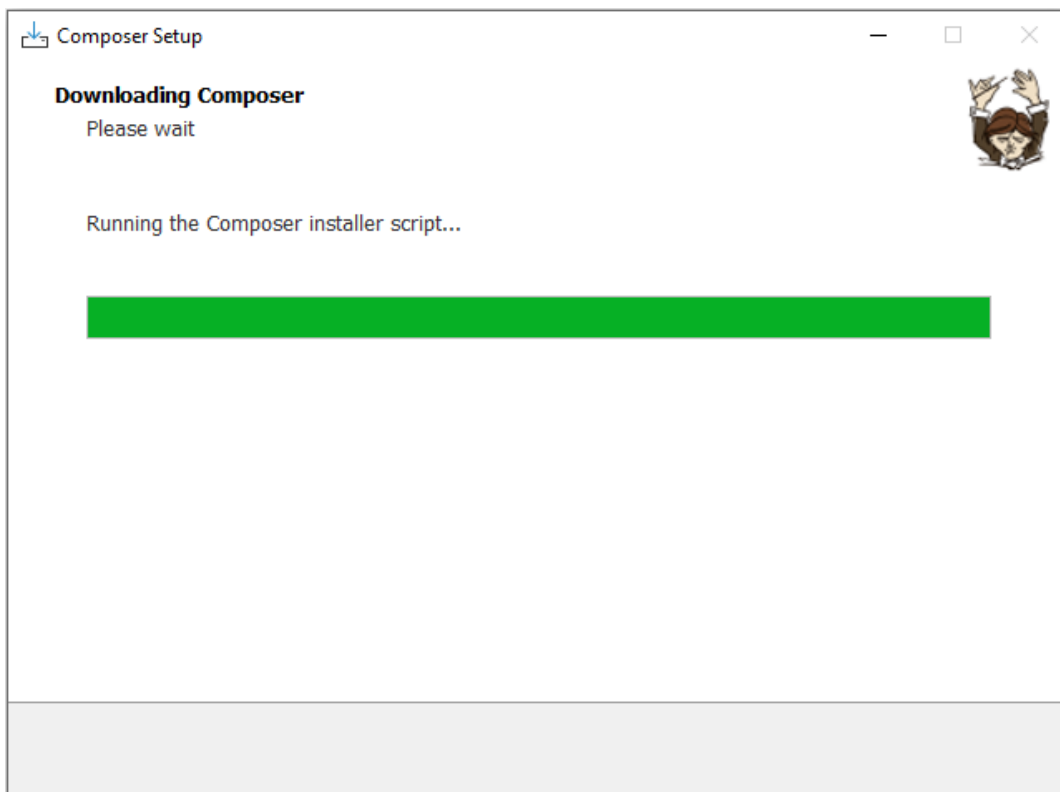
Enter proxy url

Back Next Cancel

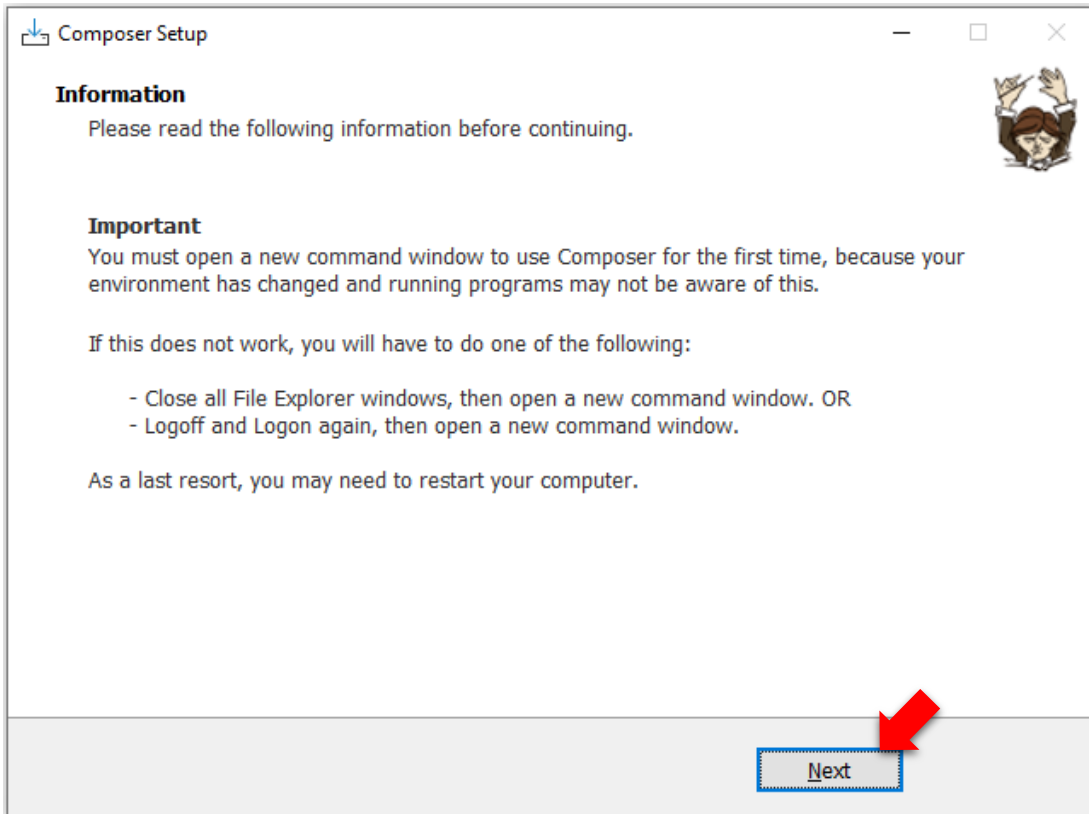
8) Select **Install**



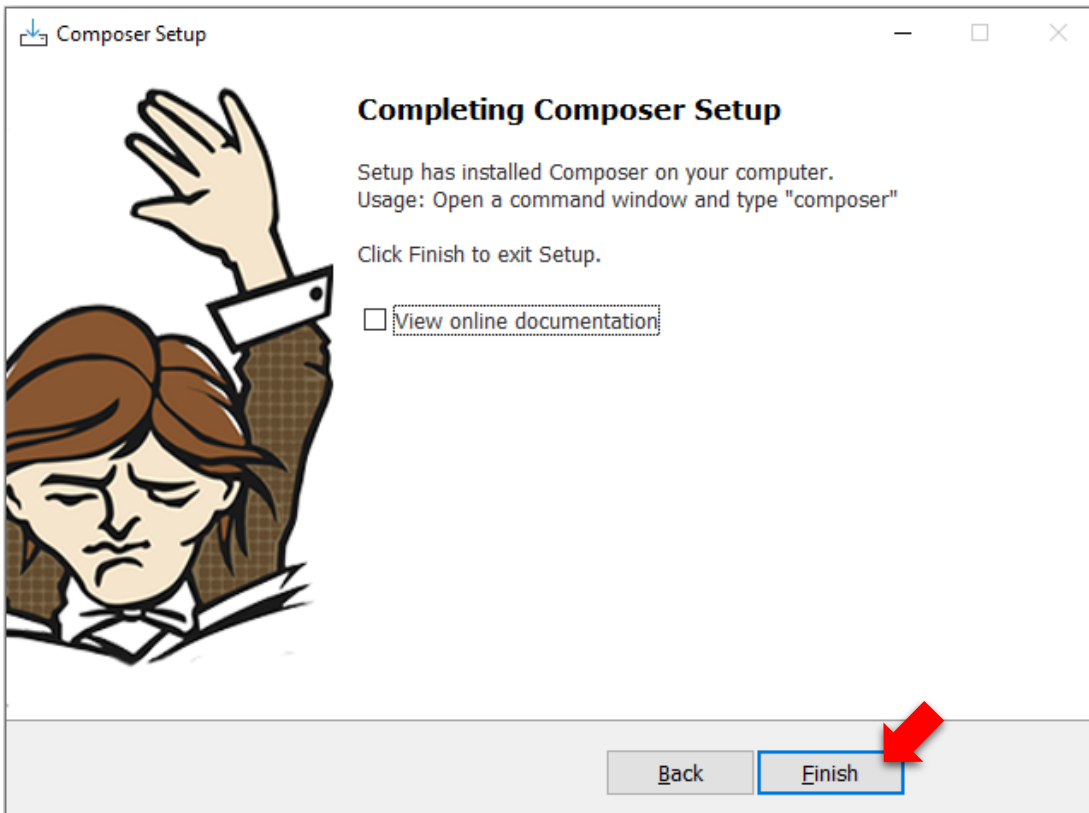
9) Wait until it ended



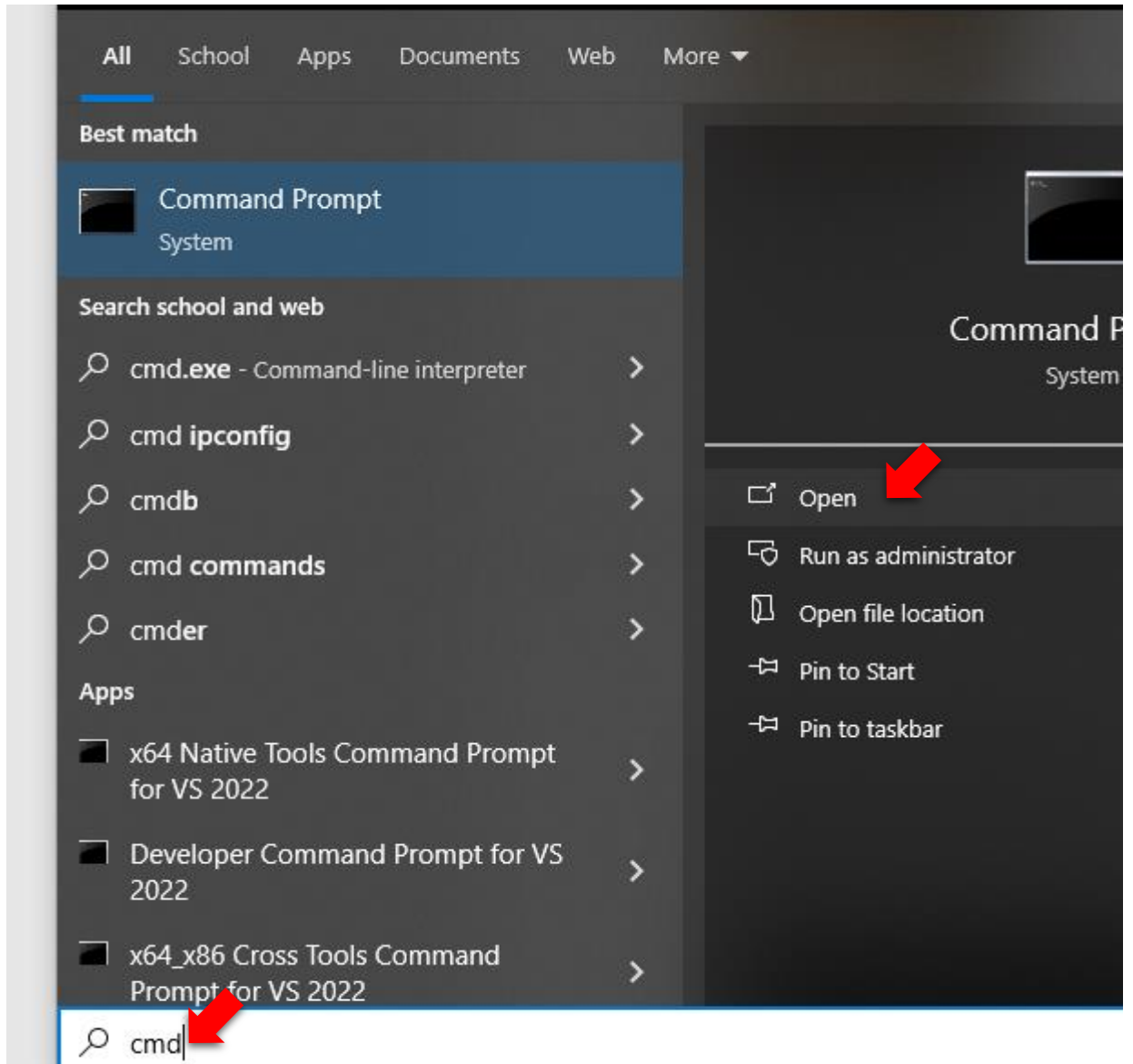
10) Select **Next**



11) Select **Finish**



12) Use Windows command window



13) Browse to labs folder, type “**composer create-project laravel/laravel:10.0^ test-app**” and wait...

```
Command Prompt
D:\SE110PHP\Labs>composer --ignore-platform-req=ext-fileinfo create-project laravel/laravel:10.0^ test-app
```

14) Once, the project template generated, go to the project folder by typing “cd test-app”

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

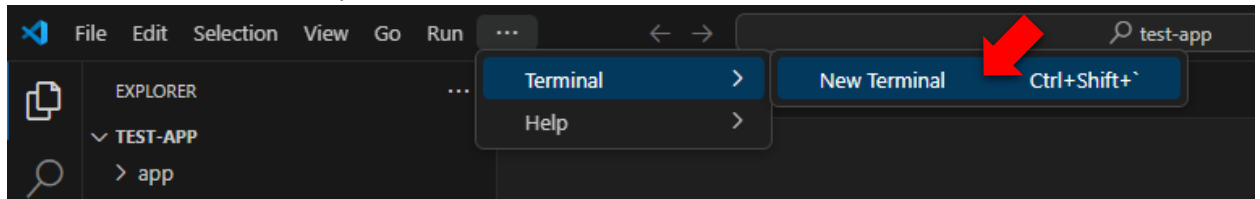
INFO Application key set successfully.

D:\SE110PHP\Labs>cd test-app
```

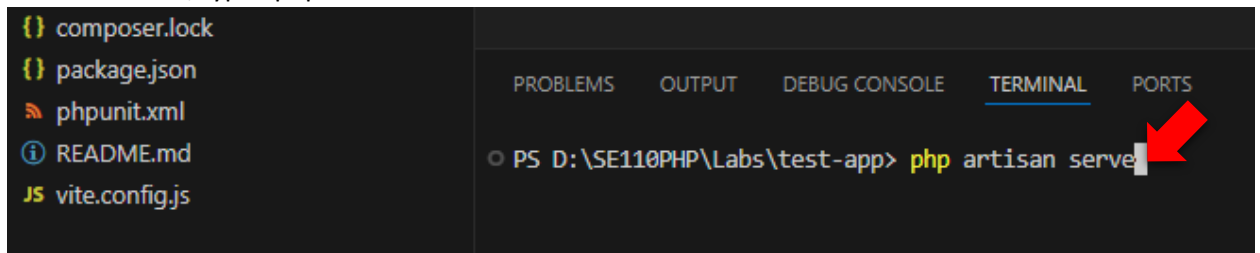
15) Under project folder, type “code .” to open the project from Visual Studio Code

```
D:\SE110PHP\Labs\test-app>code .
```

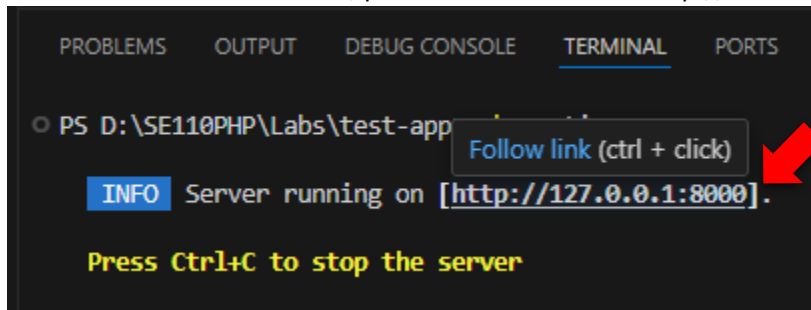
16) Under Visual Studio Code, open new terminal



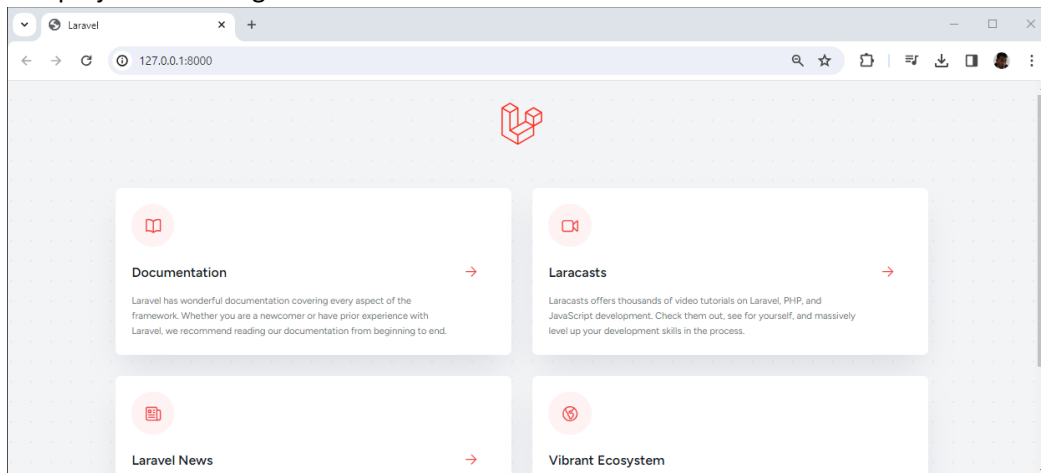
17) Under terminal, type "php artisan serve"



18) Under the Terminal windows, press Ctrl + mouse click <http://127.0.0.1:8000>



19) The project is running now



20) Under the Terminal window, press **Ctrl + C** to stop the server

