

❖ ຂັ້ນຕອນການຕິດຕັ້ງໂປຣແກຣມ ເພື່ອທົດສອບ

1. ຕິດຕັ້ງ XAMPP

- 1) ດາວໂຫຼດ xampp => <https://www.apachefriends.org/download.html>

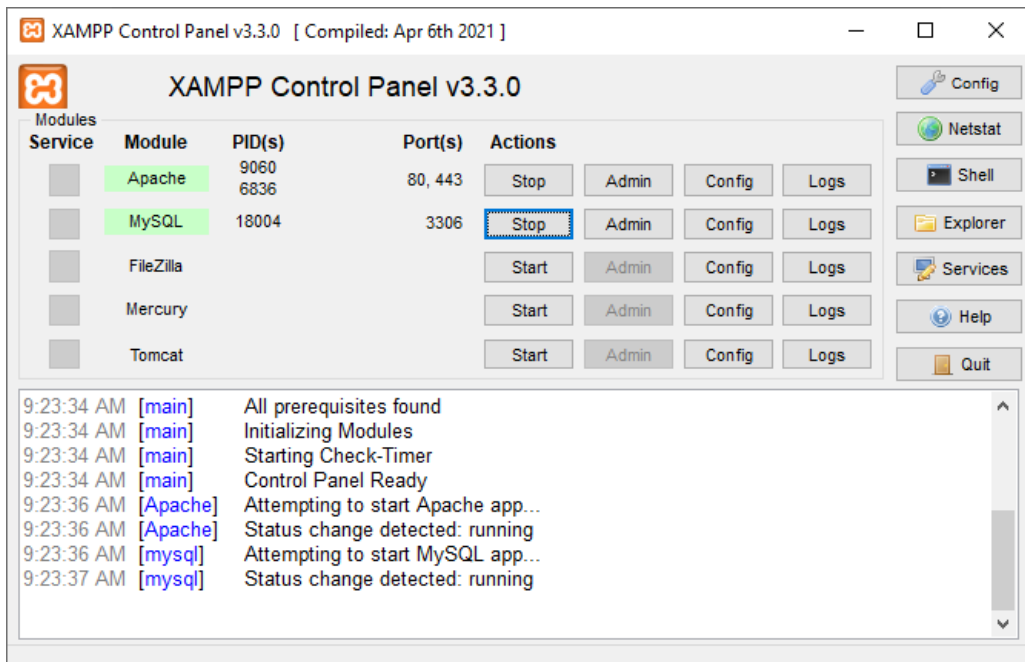


The screenshot shows the XAMPP for Windows download page. The title is "XAMPP for Windows 7.3.29, 7.4.22 & 8.0.9". Below the title is a table with three columns: Version, Checksum, and Size. The table lists three versions: 7.3.29 / PHP 7.3.29, 7.4.22 / PHP 7.4.22, and 8.0.9 / PHP 8.0.9. The 8.0.9 version is highlighted with a red border. Each row has a "Download (64 bit)" button and a "Size" column.

Version	Checksum	Size
7.3.29 / PHP 7.3.29	md5 sha1	158 Mb
7.4.22 / PHP 7.4.22	md5 sha1	159 Mb
8.0.9 / PHP 8.0.9	md5 sha1	160 Mb

- 2) ຕິດຕັ້ງໃນເຄື່ອງຄອມພິວເຕີໃຫ້ສໍາເລັດເສຍກ່ອນ

- 3) ເປີດ XAMPP Control Panel



The screenshot shows the XAMPP Control Panel v3.3.0 interface. The title bar says "XAMPP Control Panel v3.3.0 [Compiled: Apr 6th 2021]". The main window has a title "XAMPP Control Panel v3.3.0". On the left, there is a "Modules" section with a table of services. On the right, there are buttons for "Config", "Netstat", "Shell", "Explorer", "Services", "Help", and "Quit". At the bottom, there is a log window showing the status of the services.

Service	Module	PID(s)	Port(s)	Actions
Apache	Apache	9060 6836	80, 443	Stop Admin Config Logs
MySQL	MySQL	18004	3306	Stop Admin Config Logs
FileZilla	FileZilla			Start Admin Config Logs
Mercury	Mercury			Start Admin Config Logs
Tomcat	Tomcat			Start Admin Config Logs

Log window:

```
9:23:34 AM [main] All prerequisites found
9:23:34 AM [main] Initializing Modules
9:23:34 AM [main] Starting Check-Timer
9:23:34 AM [main] Control Panel Ready
9:23:36 AM [Apache] Attempting to start Apache app...
9:23:36 AM [Apache] Status change detected: running
9:23:36 AM [mysql] Attempting to start MySQL app...
9:23:37 AM [mysql] Status change detected: running
```

- 4) ເປີດ Browser ແລະ Search Engin => Localhost/phpmyadmin/ ຈາກນັ້ນສ້າງ Database ຊື່ວ່າ monofinal_db ແລ້ວ import database



Importing into the database "monofinal_db"

File to import:

File may be compressed (gzip, bzip2, zip) or uncompressed.

A compressed file's name must end in `.[format].[compression]`. Example: `.sql.zip`

Browse your computer: monofinal_db (7).sql (Max: 40MiB)

You may also drag and drop a file on any page.

Character set of the file:

2. ຕິດຕັ້ງ Composer

- 1) ດາວໂຫຼດ composer => <https://getcomposer.org/download/>

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.

- 2) ຕິດຕັ້ງໃນເຄື່ອງຄອມພິວເຕີໃຫ້ສໍາເລັດເສຍກ່ອນ

3. ຕິດຕັ້ງ NODE JS

- 1) ດາວໂຫຼດ node js => <https://nodejs.org/en/>

Download for Windows (x64)



[Other Downloads](#) | [Changelog](#) | [API Docs](#) [Other Downloads](#) | [Changelog](#) | [API Docs](#)

Or have a look at the [Long Term Support \(LTS\) schedule](#)

- 2) ຕິດຕັ້ງໃນເຄື່ອງຄອມພິວເຕີໃຫ້ສໍາເລັດເສຍກ່ອນ

4. ຕິດຕັ້ງ YARN

- 1) ດາວໂຫຼດ yarn => <https://yarnpkg.com/getting-started/install>
- 2) ເປີດ CMD (windows+R) ຈາກນັ້ນພິມ npm install -g yarn

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Chan>npm install -g yarn
```

- 3) ຕິດຕັ້ງໃນເຄື່ອງຄອມພິວເຕີໃຫ້ສໍາເລັດເສຍກ່ອນ

5. ຕິດຕັ້ງ VUE CLI

- 1) ດາວໂຫຼດ vue cli => <https://cli.vuejs.org/guide/installation.html>
- 2) ເປີດ CMD (windows+R) ຈາກນັ້ນພິມ npm install -g @vue/cli

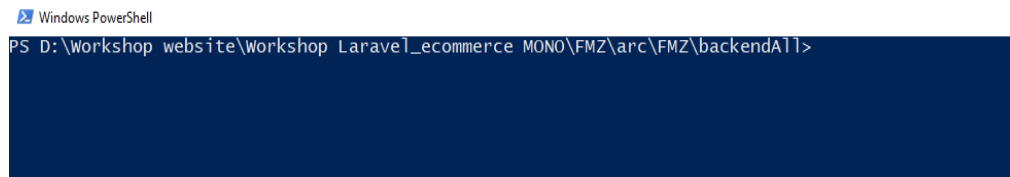
```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.
C:\Users\Chan>npm install -g @vue/cli
```

- 3) ຕິດຕັ້ງໃນເຄື່ອງຄອມພິວເຕີໃຫ້ສໍາເລັດເສຍກ່ອນ

❖ ຂັ້ນຕອນການ RUN PROGRAME

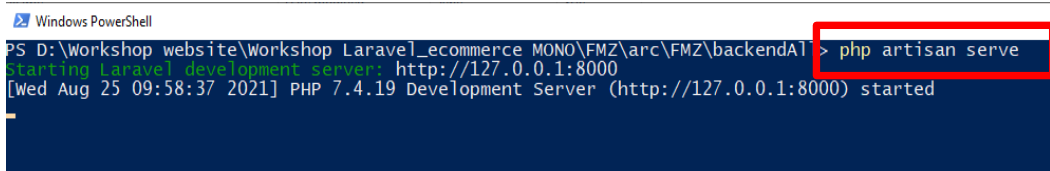
1. ການເຮັດວຽກຂອງ Back-end

- 1) ເປີດ folder > backendAll ຈາກນັ້ນ ກົດ shif ຄ້າງໄວ້ແລ້ວ ຄລິກຂວາ > ແລ້ວ ເລືອກ Open Powershell window here



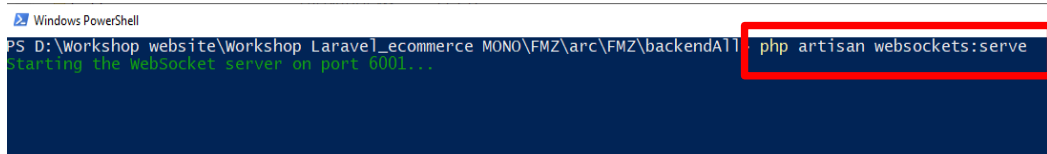
```
Windows PowerShell
PS D:\Workshop website\Workshop Laravel_ecommerce MONO\FMZ\arc\FMZ\backendAll>
```

- 2) ພິມ php artisan serve



```
Windows PowerShell
PS D:\Workshop website\Workshop Laravel_ecommerce MONO\FMZ\arc\FMZ\backendAll> php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Wed Aug 25 09:58:37 2021] PHP 7.4.19 Development Server (http://127.0.0.1:8000) started
```

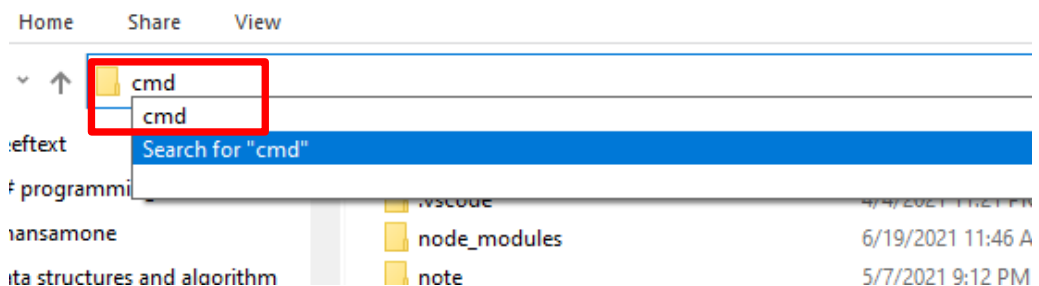
- 3) ເຮັດຊຳໃນຂັ້ນຕອນທີ່ໜຶ່ງອີກຄັ້ງ
- 4) ພິມ php artisan websockets:serve



```
Windows PowerShell
PS D:\Workshop website\Workshop Laravel_ecommerce MONO\FMZ\arc\FMZ\backendAll> php artisan websockets:serve
Starting the WebSocket server on port 6001...
```

2. ການເຮັດວຽກຂອງ Font-end

- 1) ເປີດ folder > fontAdmin ຈາກນັ້ນ ໄປທີ່ path ແລ້ວ ພິມ cmd ຈາກນັ້ນ enter



2) ພິມ yarn serve

```
C:\Windows\System32\cmd.exe - yarn serve
Microsoft Windows [Version 10.0.19042.1165]
(c) Microsoft Corporation. All rights reserved.

D:\Workshop website\Workshop Laravel_ecommerce MONO\FMZ\arc\FMZ\fontAdmin>yarn serve
yarn run v1.22.10
$ vue-cli-service serve
INFO Starting development server...
40% building 203/248 modules 45 active ...e MONO\FMZ\arc\FMZ\fontAdmin\node_modules\core-js\
```

3) ເປີດ folder > fontCustomer ກໍ່ເຮັດເຊັ່ນດຽວກັນກັບ ການ Run fontAdmin