FPT ACADEMY INTERNATIONAL

FPT – APTECH COMPUTER EDUCATION

PROJECT: Online Bookstore.............................
GROUP NO: 01..........**BATCH**: T1.2206.E1...........

A. SYSTEM REQUIREMENTS:

Sr.	Item	Description
1.	Operating system	Windows 7, 8, or higher
2.	Hardware	CPU Cores or better with 2 Gigabytes of RAM or better
3.	Web Browser	Version in later of: Edge, Firefox, Chrome, etc…
4.	Fonts	Standard font Unicode: Arial, Tahoma, Lucida Console, Times New Roman, etc…
5.	Other requirement	NodeJS, Git, XAMPP 7.3 or later | A working internet connection.

Notes: *Do not install IDEs (Integrated Development Environment) on the system such as **MS Visual Code**, **Dreamweaver**, **Netbeans**, etc.*

B. Program Instarllation

Step 1. **Clone Project to Computer**

- *Open **PHP root** folder with **Terminal** (**cmd – Figure H1**)*
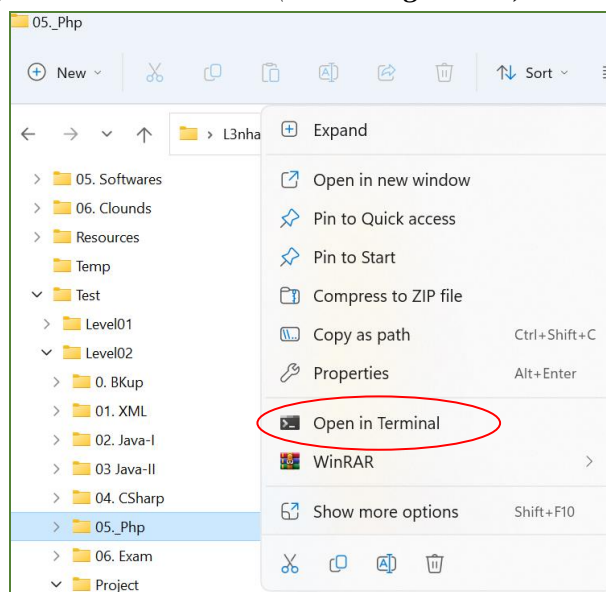

Figure H1

(*)   *- Installation documentation is included with the installation disc, should follow the proper format which have clear and complete content for anyone to perform.*
- The Center performs the installation and give a notification of the protection list for successfully. Project not successfully installed is Fail.

- ***Clone*** the Project with **syntax** as the **figure H2**

```
git clone https://github.com/L3nhan/SASTutorial.git
```

```
PS D:\Test\Level02\05._Php> git clone https://github.com/L3nhan/SASTutorial.git
Cloning into 'SASTutorial'...
remote: Enumerating objects: 3825, done.
remote: Counting objects: 100% (3825/3825), done.
remote: Compressing objects: 100% (2690/2690), done.
remote: Total 3825 (delta 1109), reused 3825 (delta 1109), pack-reused 0
Receiving objects: 100% (3825/3825), 10.49 MiB | 3.45 MiB/s, done.
Resolving deltas: 100% (1109/1109), done.
PS D:\Test\Level02\05._Php>
```

Figure H2

Step 2.   Install Dependencies

- In Visual Studio Code, open **SASTutorial** Project Folder.

- Choose Terminal/New Terminal,

2.1. Install **Composer** with **syntax** as the **figure H3**

```
composer install
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https:

PS D:\Test\Level02\05._Php\SASTutorial> composer install
Installing dependencies from lock file (including require-dev)
Verifying lock file contents can be installed on current platform.
Package operations: 106 installs, 0 updates, 0 removals
  - Installing doctrine/inflector (2.0.5): Extracting archive
  - Installing doctrine/lexer (1.2.3): Extracting archive
  - Installing symfony/polyfill-ctype (v1.26.0): Extracting archive
  - Installing webmozart/assert (1.11.0): Extracting archive
```

Figure H3

2.2. Install **npm** with **syntax** as the **figure H4**

```
npm install
```

```
PS D:\Test\Level02\05._Php\SASTutorial> npm install
npm WARN deprecated stable@0.1.8: Modern JS already guarantees Array#sor
ibility table on MDN: https://developer.mozilla.org/en-US/docs/Web/JavaS
npm WARN deprecated querystring@0.2.0: The querystring API is considered

added 742 packages, and audited 743 packages in 6s

76 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS D:\Test\Level02\05._Php\SASTutorial> []
```

Figure H4

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2.3. *Install* **npm run dev** *with* **syntax** *as the* **figure H5**

```
npm run dev
```


Figure H5

Step 3. Setup **.env** file *with* **syntax** *as the* **figure H6**

```
cp .env.example .env
```


Figure H6

Step 4. **Setup Database**

*- In **XAMPP** Control Panel, click **start** button Apache and MySQL as the **figure H7***
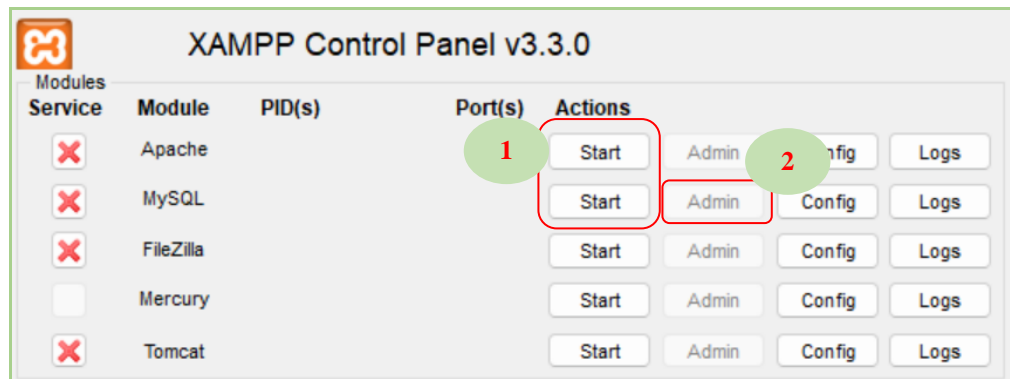
*- Click **Admin** button to open **MySQL**.*

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Figure H7

4.1. *Create **database SasDB** in phpMyAdmin with **syntax** as the **figure H8***

```
create database sasdb
```
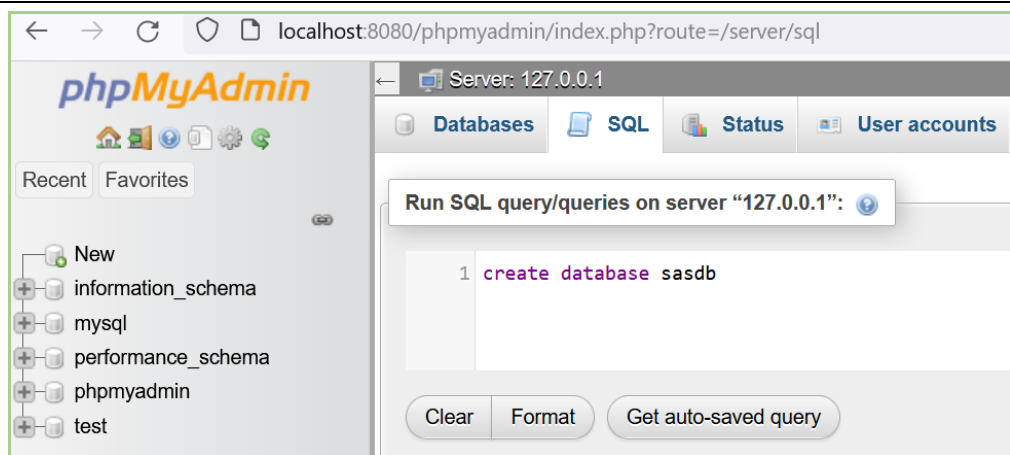

Figure H8

*- Press **Alt** + **Enter** to commit database creating.*

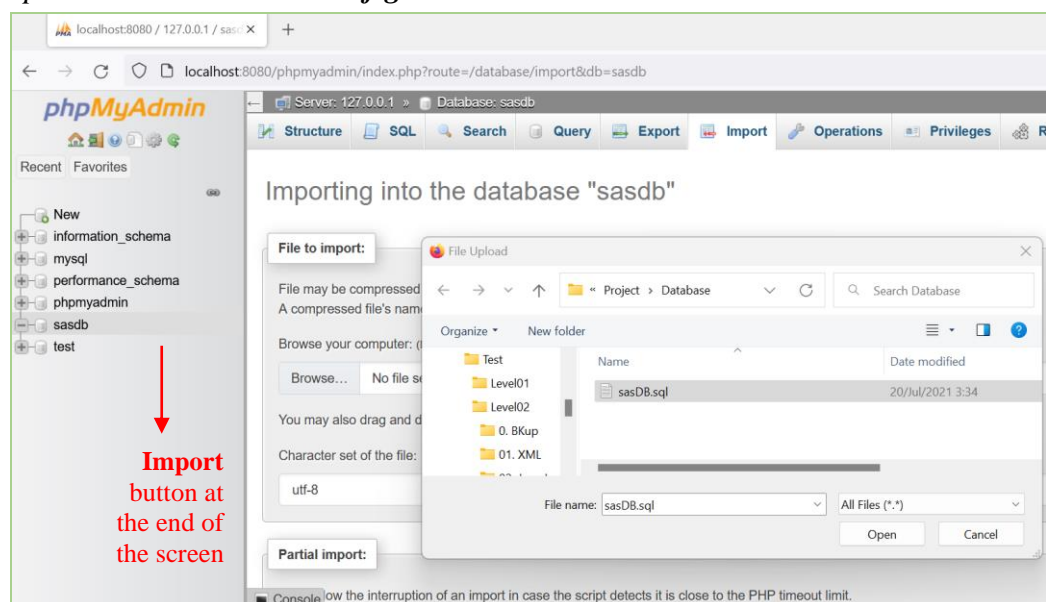**4.2.** *Import **data** to **SasDB** as the **figure H9***

Figure H9

*- In phpMyAdmin, choose **sasDB**,*

*- Click **Import** toolbar, choose **Browser…** button,*

*- Select **sasDB.sql** in database Folder/ click **Open**.*

*- Click **Import** button at the end of the screen to finish.*

Step 5.   Generate a key

- Return Visual Studio Code,

- *Click View/Terminal*

- *Generate a key with **syntax** as the **figure H10***

```
php artisan key:generate
```

```
PS D:\Test\Level02\05._Php\SASTutorial> cp .env.example .env
PS D:\Test\Level02\05._Php\SASTutorial> php artisan key:generate
Application key set successfully.
PS D:\Test\Level02\05._Php\SASTutorial> []
```

Figure H10

Step 6.   Execute the SASTutorial

- *Start server with **syntax** as the **figure H11***

```
php artisan serve
```

```
PS D:\Test\Level02\05._Php\SASTutorial> cp .env.example .env
PS D:\Test\Level02\05._Php\SASTutorial> php artisan key:generate
Application key set successfully.
PS D:\Test\Level02\05._Php\SASTutorial> php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Sat Oct  8 10:25:40 2022] PHP 8.1.10 Development Server (http://127.0.0.1:8000) started
[]
```

Figure H11

C. Successful test

*- Open Web Browser, type Laravel development server (*Username*: fpt, *Password*: 590).*

- Homepage should be displayed as described in the documentation.

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