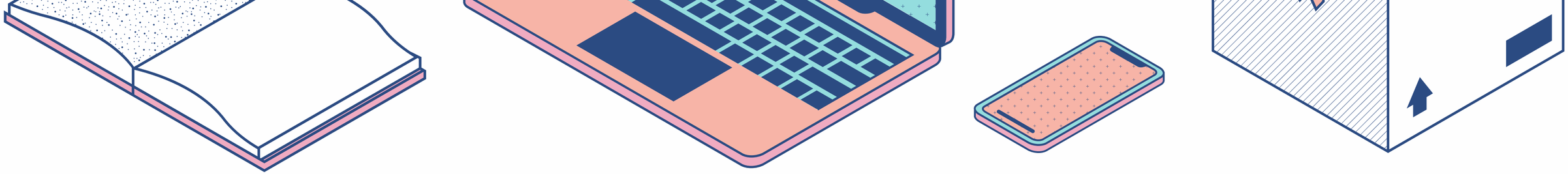
SETEC INSTITUTE

WEB PROJECT

The PHP Framework for Web Project

Presented By: TRY VORN



Project Management (PM)

- Scoping
- Planning & Launching
- Controlling Monitoring
- Closing

Web Project (WP)

- Scoping
- Design
- Build-Test
- Deploying

Introduction

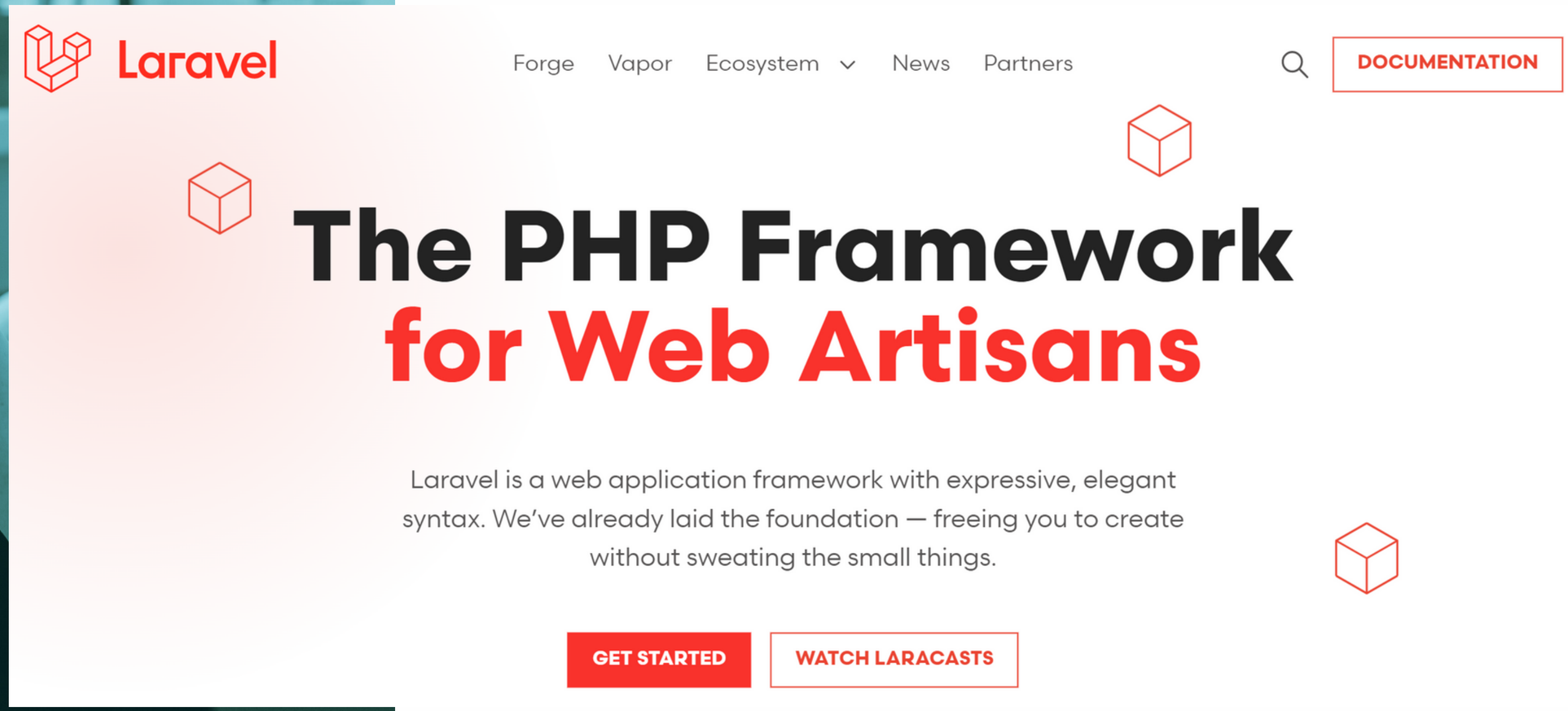
What's Laravel?

Laravel is a web application framework with expressive, elegant syntax.

EVERYTHING YOU WANTED TO KNOW ABOUT LAVAREL DEVELOPER

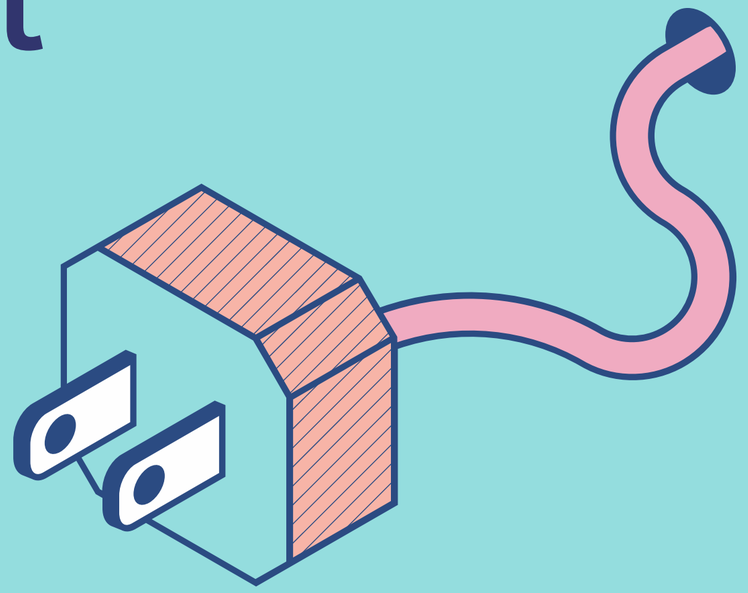
Laravel was established and created by **Taylor Otwell** as an effort to offer a brilliant substitute for the older PHP framework. Learning a novel framework can be intimidating, however, it’s also exciting. To smooth your transition, we have tried to develop clear, very clear, brief documentation for Laravel software.

https://laravel.com/



Installation
Your First Laravel Project

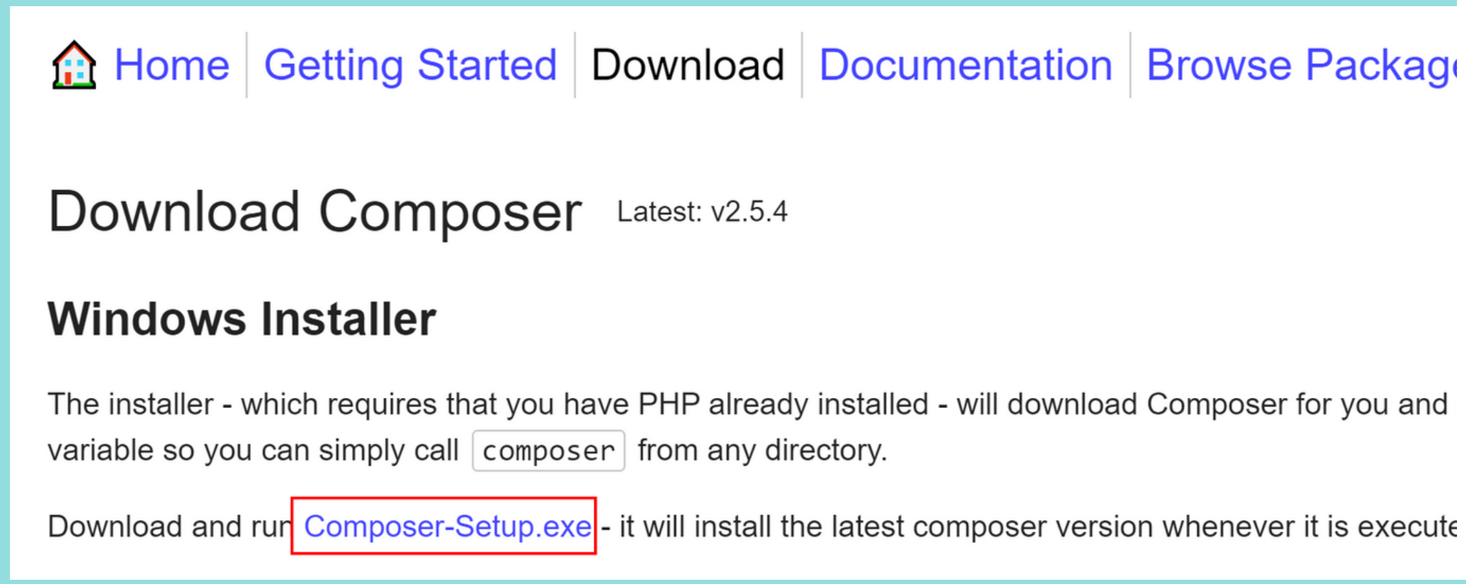
Before creating your first Laravel project, you should ensure that your local machine has PHP and Composer installed.

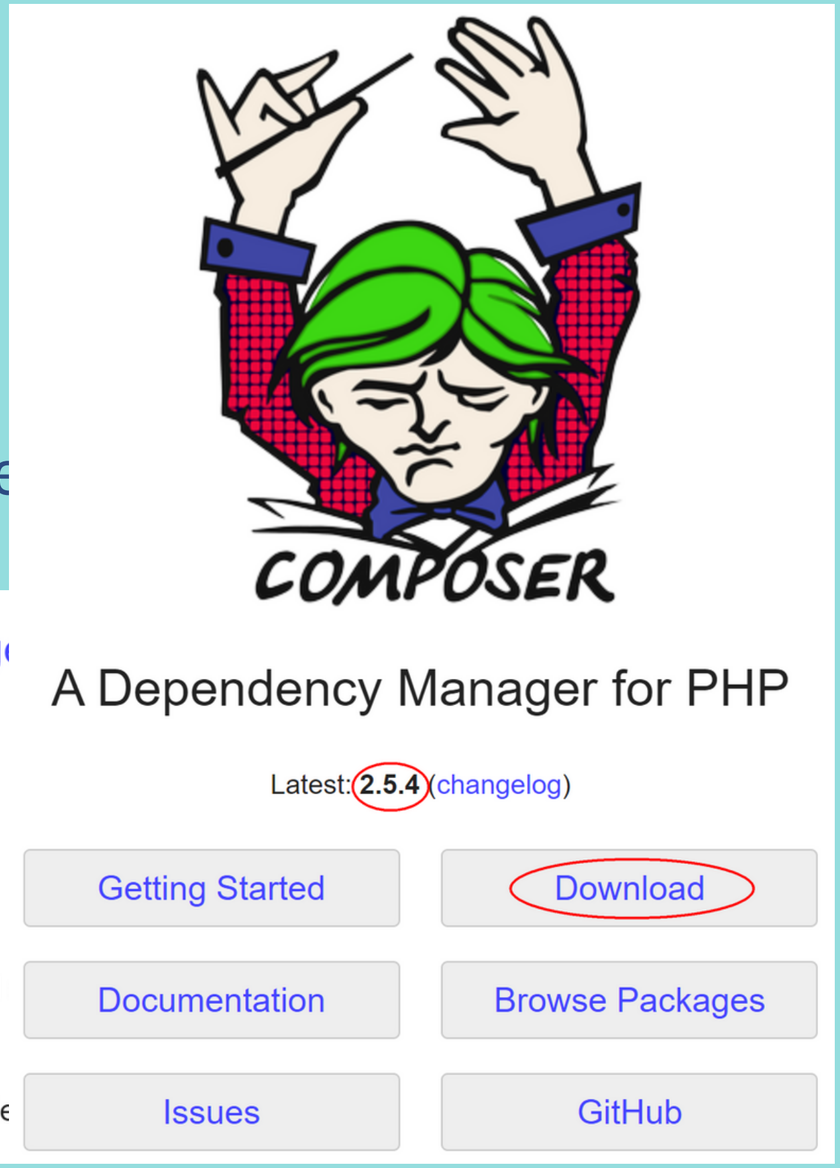


- How to install Composer into your local machine
  - Click on Composer or go to link: https://getcomposer.org/
  - Click download it.

Download Composer

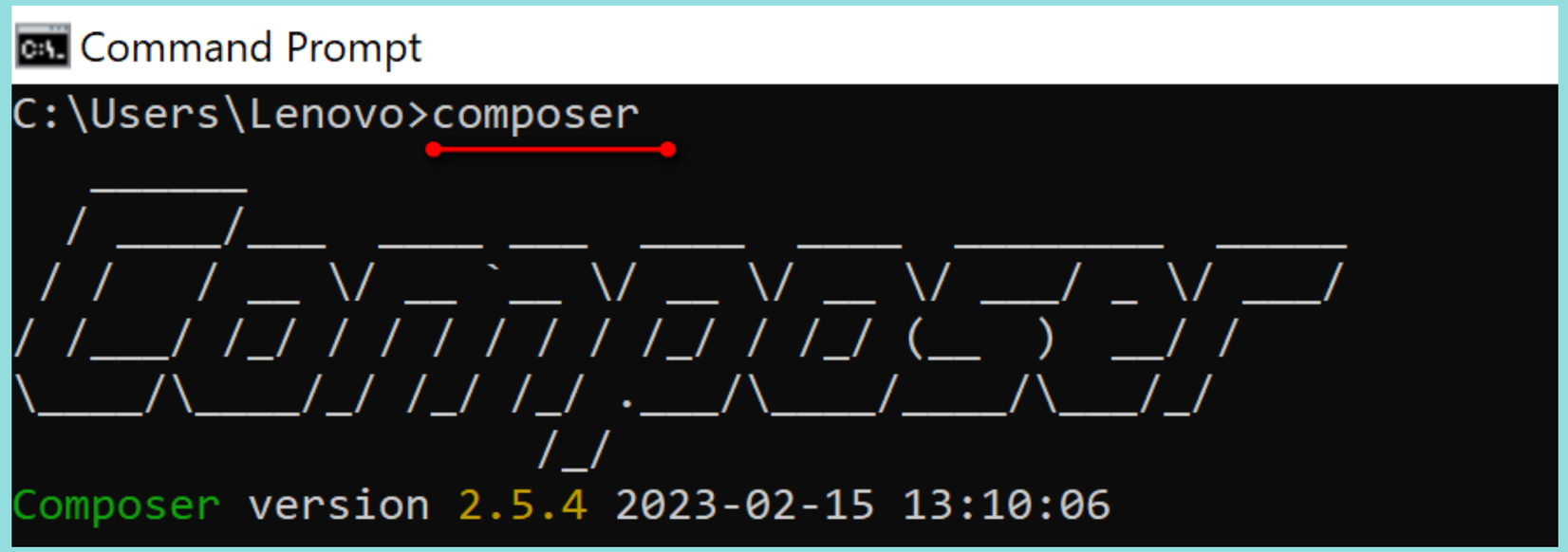
Composer is an application-level dependency manager for the PHP programming language that provides a standard format for managing dependencies of PHP software and required librarie





Check Composer installed

To open the Start menu ==> command Prompt



Composer create-project command

After you have installed PHP and Composer, you may create a new Laravel project via the Composer create-project command:

```
composer create-project laravel/laravel example-app
```

Go to create project directory

This PC > DATA (D:) > SETEC > Teach Generation > Web Project > SS6.7 > projects → **Your project directory**

Name	Date modified	Type	Size
web1-app	23/2/2023 11:24 AM	File folder	

Project created

C:\Windows\System32\cmd.exe

```
D:\SETEC\Teach Generation\Web Project\SS6.7\projects>composer create-project laravel/laravel web1-app
Creating a "laravel/laravel" project at "./web1-app"
Info from https://repo.packagist.org: #StandWithUkraine
Cannot use laravel/laravel's latest version v10.0.3 as it requires php ^8.1 which is not satisfied by your p
latform.
Installing laravel/laravel (v8.6.12)
  - Downloading laravel/laravel (v8.6.12)
  - Installing laravel/laravel (v8.6.12): Extracting archive
Created project in D:\SETEC\Teach Generation\Web Project\SS6.7\projects\web1-app
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
```

Run Project

After the project has been created, start Laravel's local development server using the Laravel's Artisan CLI serve command:

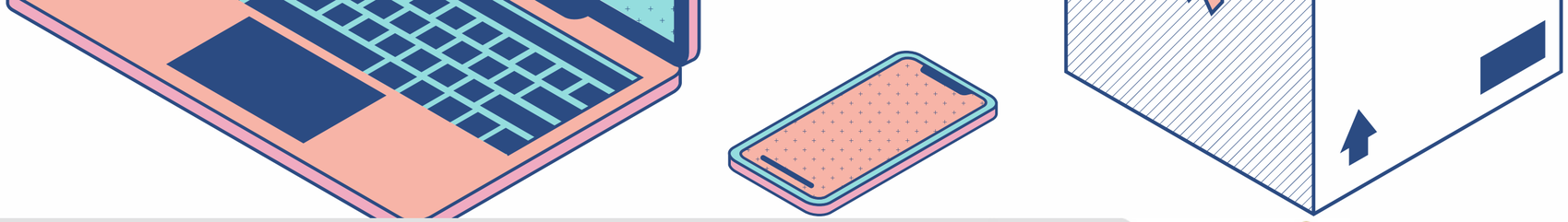
```
php artisan serve
```

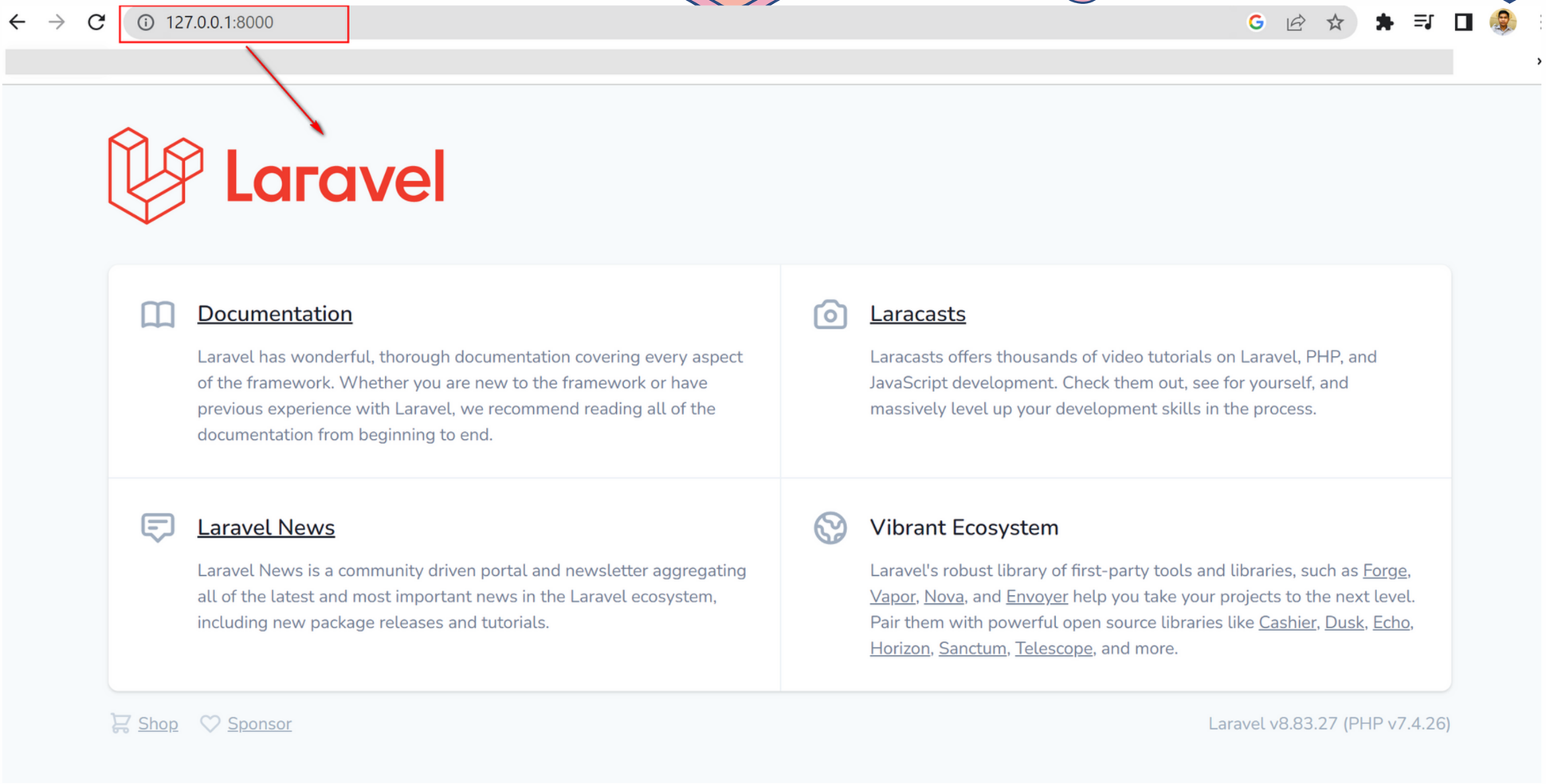
Make sure run in project

```
C:\Windows\System32\cmd.exe - php  artisan serve
No publishable resources for tag [laravel-assets].
Publishing complete.
No security vulnerability advisories found
> @php artisan key:generate --ansi
Application key set successfully.

D:\SETEC\Teach Generation\Web Project\SS6.7\projects>php artisan serve
Could not open input file: artisan

D:\SETEC\Teach Generation\Web Project\SS6.7\projects>cd web1-app

D:\SETEC\Teach Generation\Web Project\SS6.7\projects\web1-app>php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Thu Feb 23 11:43:59 2023] PHP 7.4.26 Development Server (http://127.0.0.1:8000) started
```

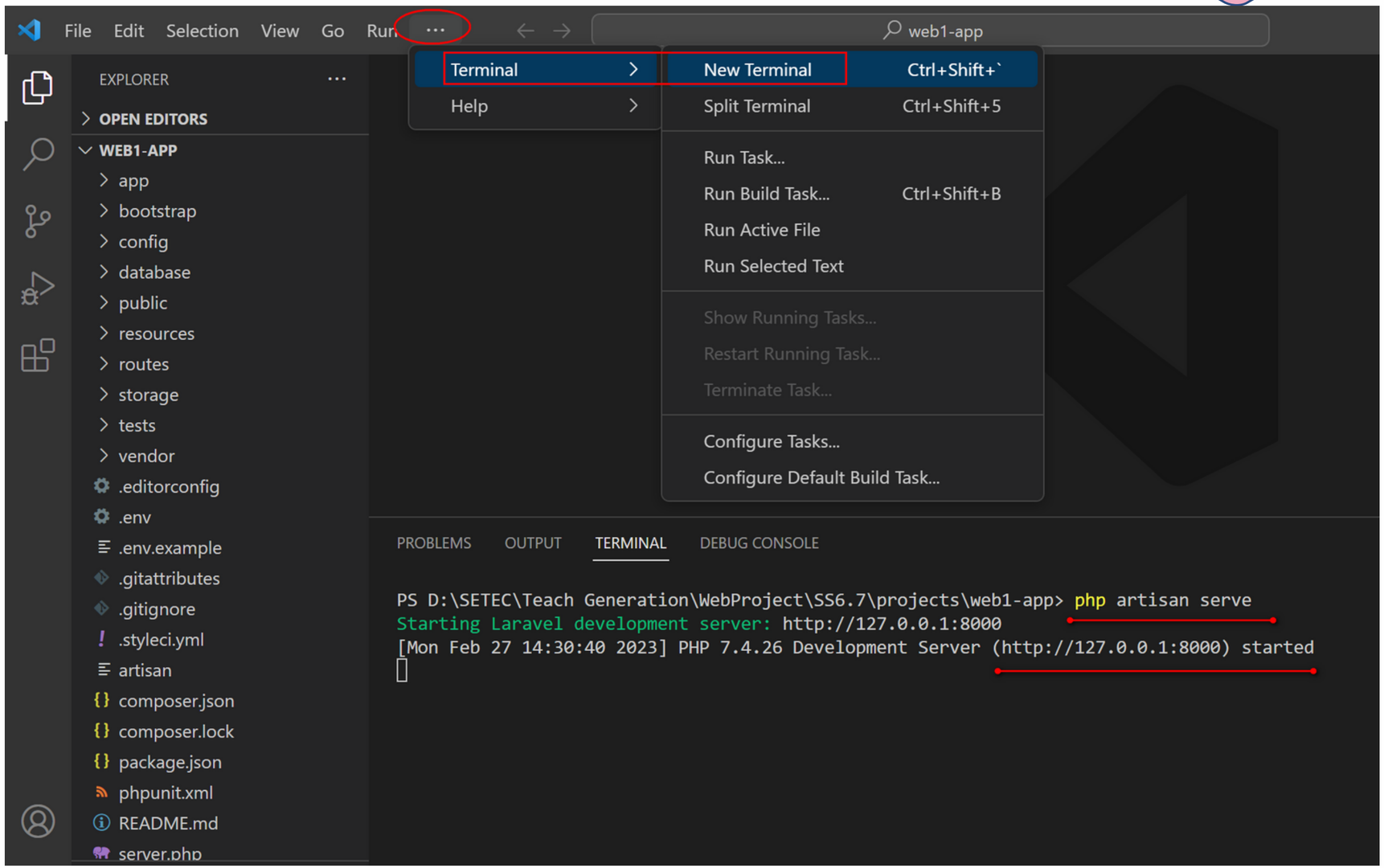
Note: if you are closed your command prompt. Your project not running

Your web project

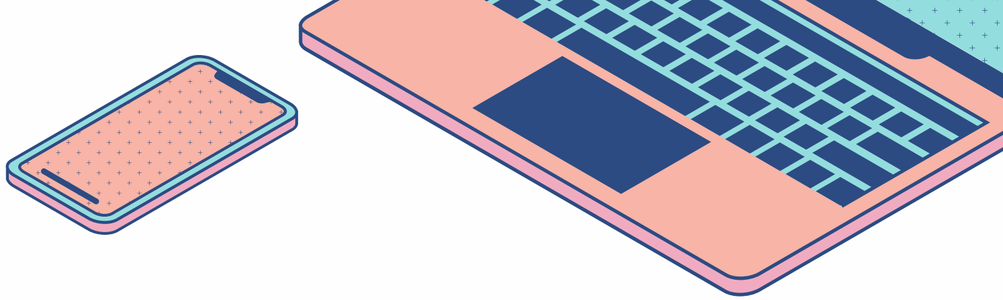




Open/Run Project with Visual Studio

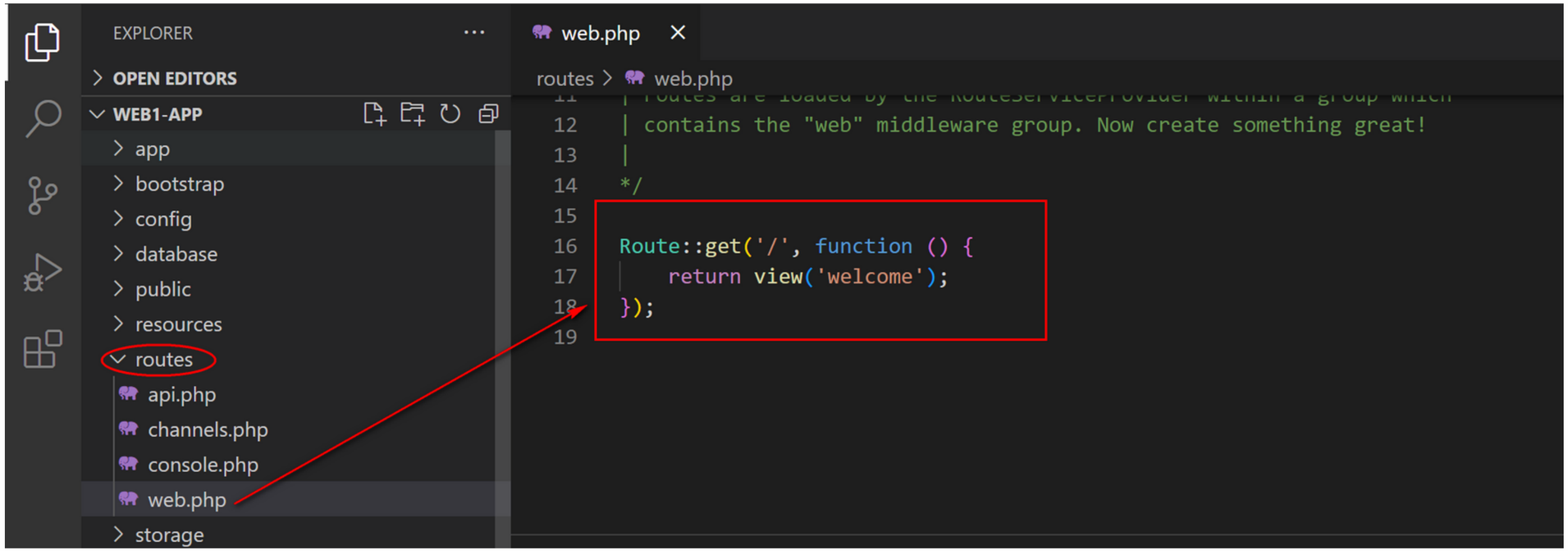


Routing

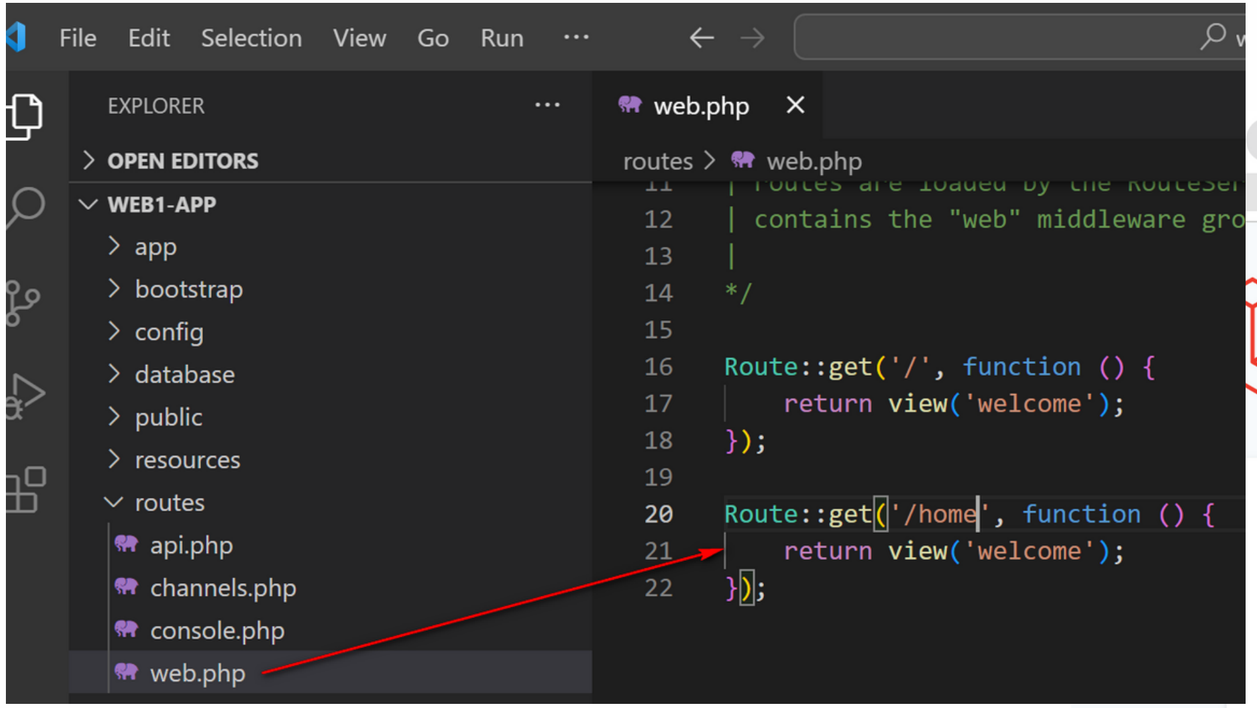


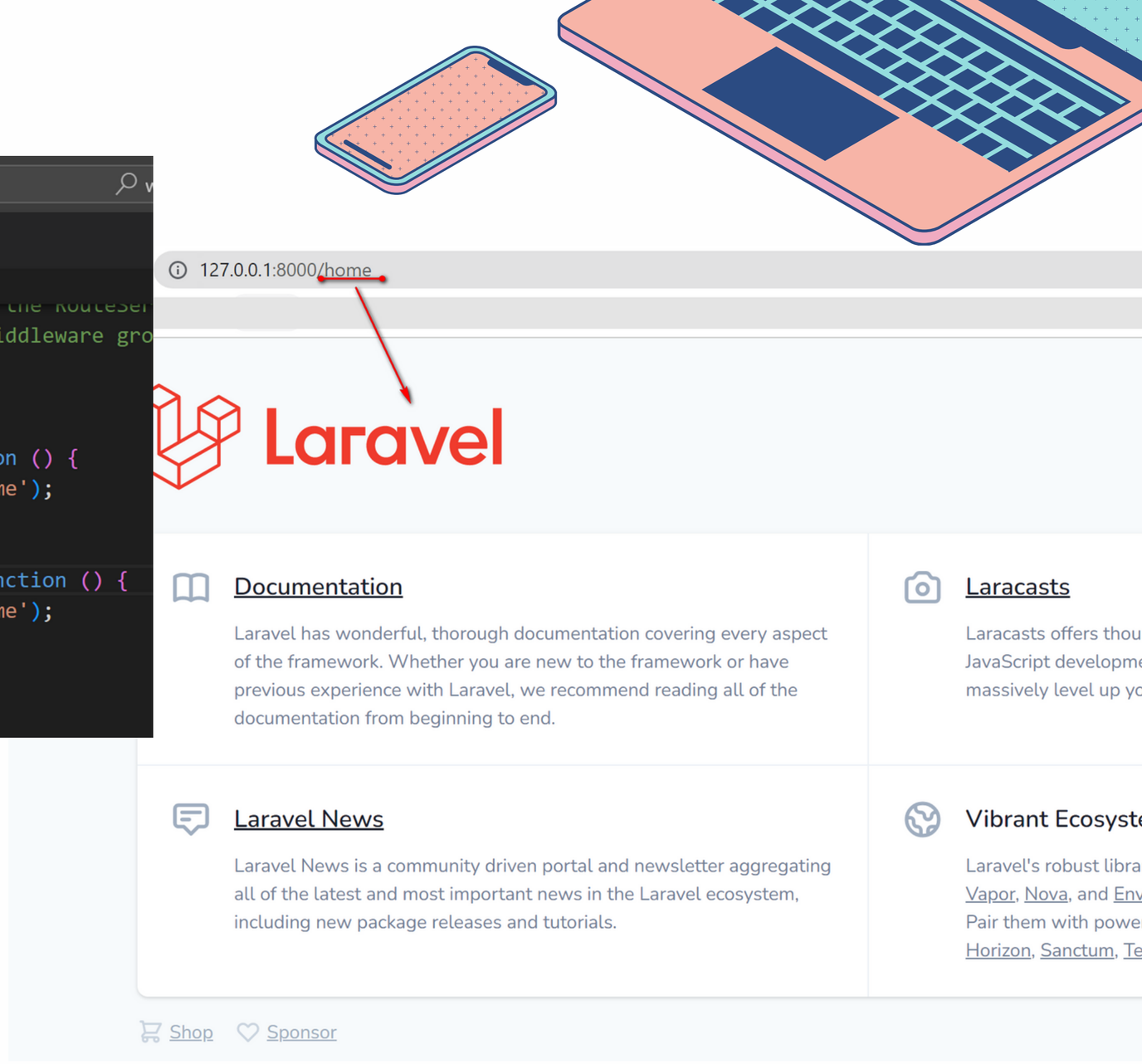
What Is a Route?

The route is a way of creating a request URL for your application.

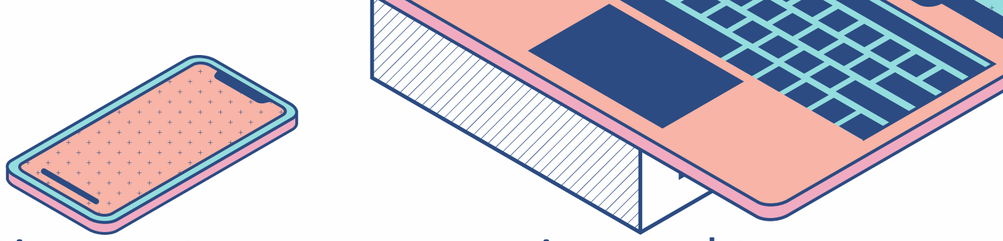


Routing (count...)





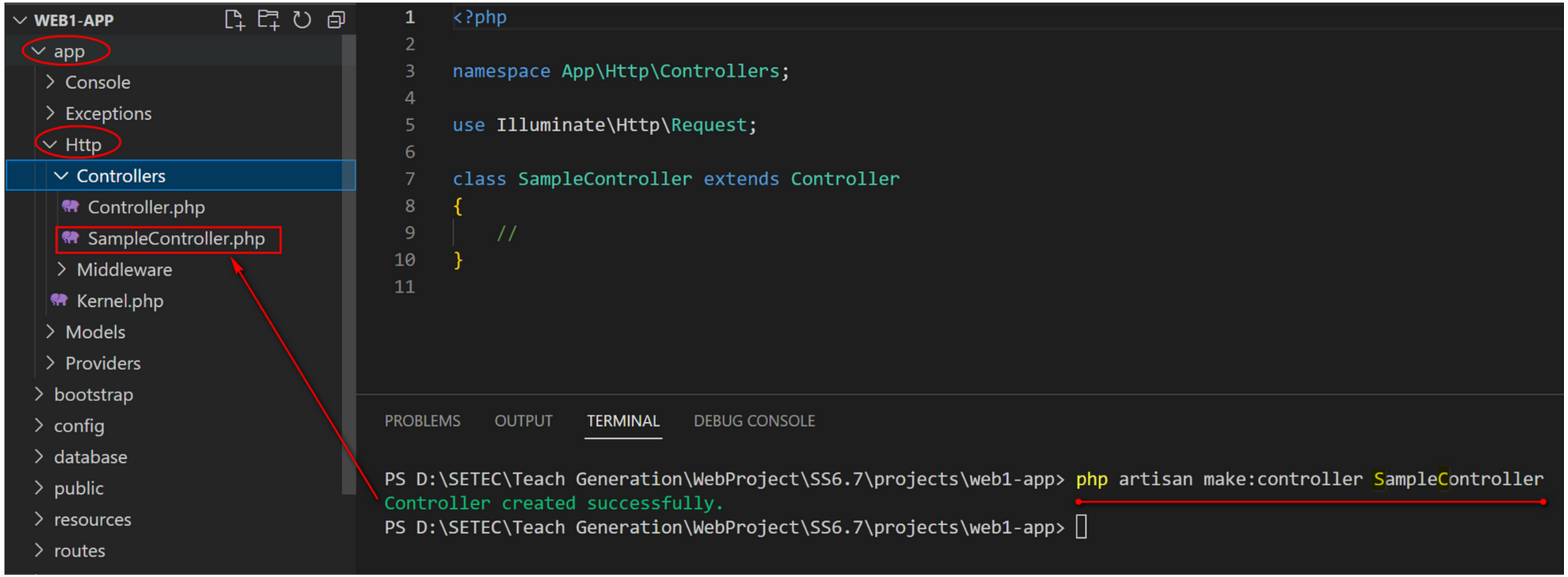
Routing and Controller



Creating a Controller

Open the command prompt or terminal based on the operating system you are using and type the following command to create controller using the Artisan CLI (Command Line Interface).

eg. php artisan make:controller SampleController

or

php artisan make:controller SampleController --resource