

Laravel Installtion :

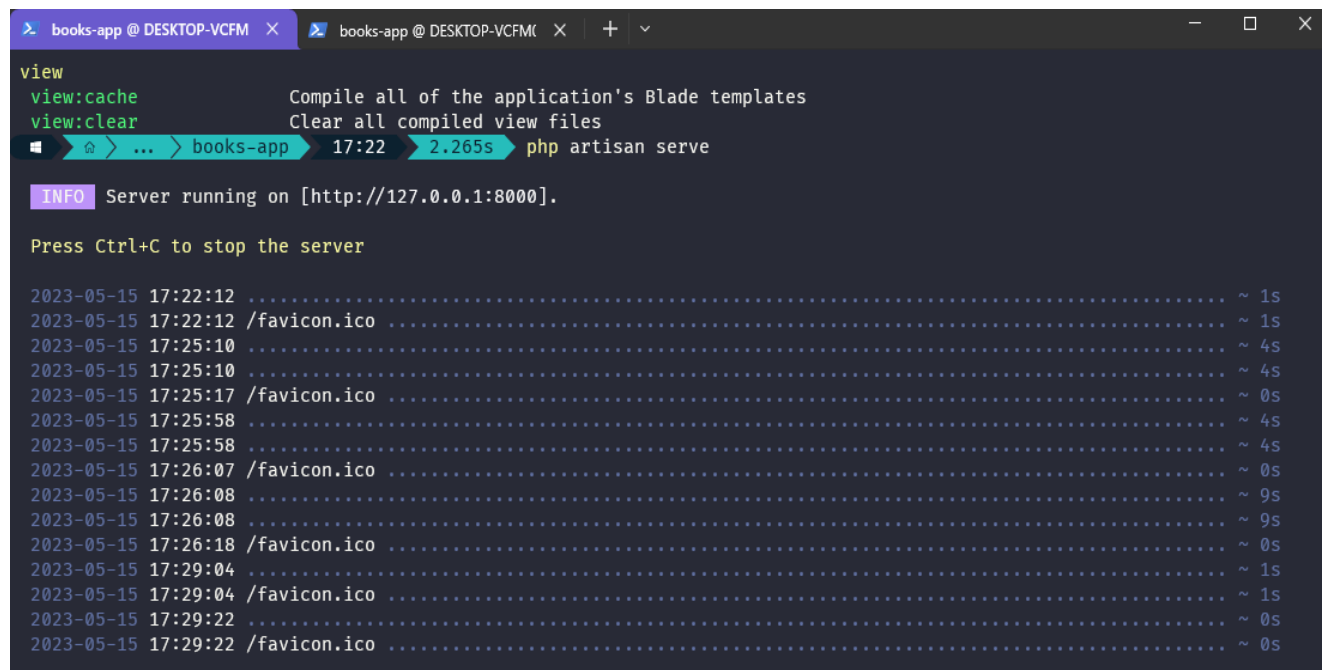
Step 1 : Installed Laravel installer using windows terminal by this command -

```
composer global require laravel/installer
```

Step 2 : Then run this command to create books app -

```
laravel new books-app
```

Hurrah - project is ready



```
books-app @ DESKTOP-VCFM  books-app @ DESKTOP-VCFM  + v
view
view:cache                Compile all of the application's Blade templates
view:clear                Clear all compiled view files
... > books-app 17:22 2.265s php artisan serve

INFO Server running on [http://127.0.0.1:8000].

Press Ctrl+C to stop the server

2023-05-15 17:22:12 ..... ~ 1s
2023-05-15 17:22:12 /favicon.ico ..... ~ 1s
2023-05-15 17:25:10 ..... ~ 4s
2023-05-15 17:25:10 ..... ~ 4s
2023-05-15 17:25:17 /favicon.ico ..... ~ 0s
2023-05-15 17:25:58 ..... ~ 4s
2023-05-15 17:25:58 ..... ~ 4s
2023-05-15 17:26:07 /favicon.ico ..... ~ 0s
2023-05-15 17:26:08 ..... ~ 9s
2023-05-15 17:26:08 ..... ~ 9s
2023-05-15 17:26:18 /favicon.ico ..... ~ 0s
2023-05-15 17:29:04 ..... ~ 1s
2023-05-15 17:29:04 /favicon.ico ..... ~ 1s
2023-05-15 17:29:22 ..... ~ 0s
2023-05-15 17:29:22 /favicon.ico ..... ~ 0s
```

Running server picture of books app.

Describe the purpose of each of the following folders in a Laravel project:

[App folder](#) – The app folder in a Laravel project is where the core application logic is stored. It contains directories such as Http, Providers, Console, Exceptions, Models, and Services, which house the controllers, middleware,

requests, service providers, Artisan commands, exception handlers, Eloquent models, and business logic services of the Laravel application, respectively. In essence, the app folder is the heart of a Laravel application and is where most of the development work is done.

Bootstrap – In a Laravel project, the bootstrap folder serves as the entry point for the application. Its primary purpose is to bootstrap and configure the application's environment before the request is handled by the application. In summary, the bootstrap folder in Laravel is where the application's environment is set up and configured. It loads the necessary files, sets up the application's core services, and prepares the application to handle incoming requests.

config – In a Laravel project, the config folder contains all the configuration files that are used by the application. Its primary purpose is to provide a centralized location for storing all the configuration options required by the various components of the application.

database – In a Laravel project, the database folder contains all the files related to the database management of the application. Its primary purpose is to provide a centralized location for managing database migrations, seeders, and factories.

public – In a Laravel project, the public folder serves as the entry point for the webserver. Its primary purpose is to contain all the files that should be publicly accessible from the web.

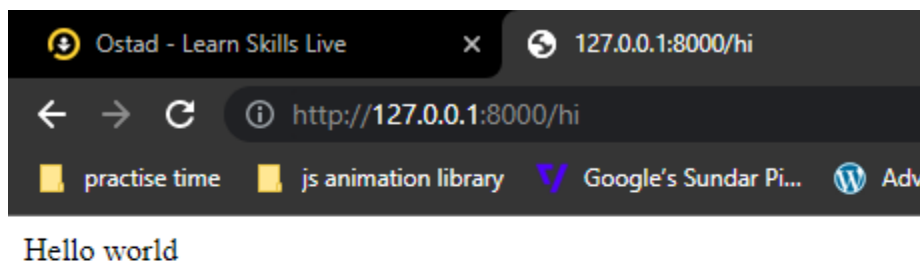
Resources – In a Laravel project, the resources folder contains all the assets and files required for building the user interface of the application. Its primary purpose is to provide a centralized location for managing the views, assets, and language files of the application.

Routes – In a Laravel project, the routes folder contains all the files that define the application's routes or endpoints. Its primary purpose is to provide a centralized location for managing the routes of the application.

Storage – In a Laravel project, the storage folder is used for storing various types of files generated by the application, such as session files, logs, cache files, and uploaded files. Its primary purpose is to provide a centralized location for managing and storing these types of files.

Tests – In a Laravel project, the tests folder is used for writing and running automated tests for the application. Its primary purpose is to provide a centralized location for managing the tests of the application.

Vendor – In a Laravel project, the vendor folder is used to store all the dependencies or packages that the application relies on, including third-party libraries and packages. Its primary purpose is to provide a centralized location for managing and storing these dependencies.



screenshot of the running route.