

LARAVEL INSTALLATION AND FOLDER STRUCTURE ASSIGNMENT

DOCUMENTATION

Part 1: Laravel installation

Below screenshot that shows Laravel is installed and working correctly. A new Laravel project and running the development server.

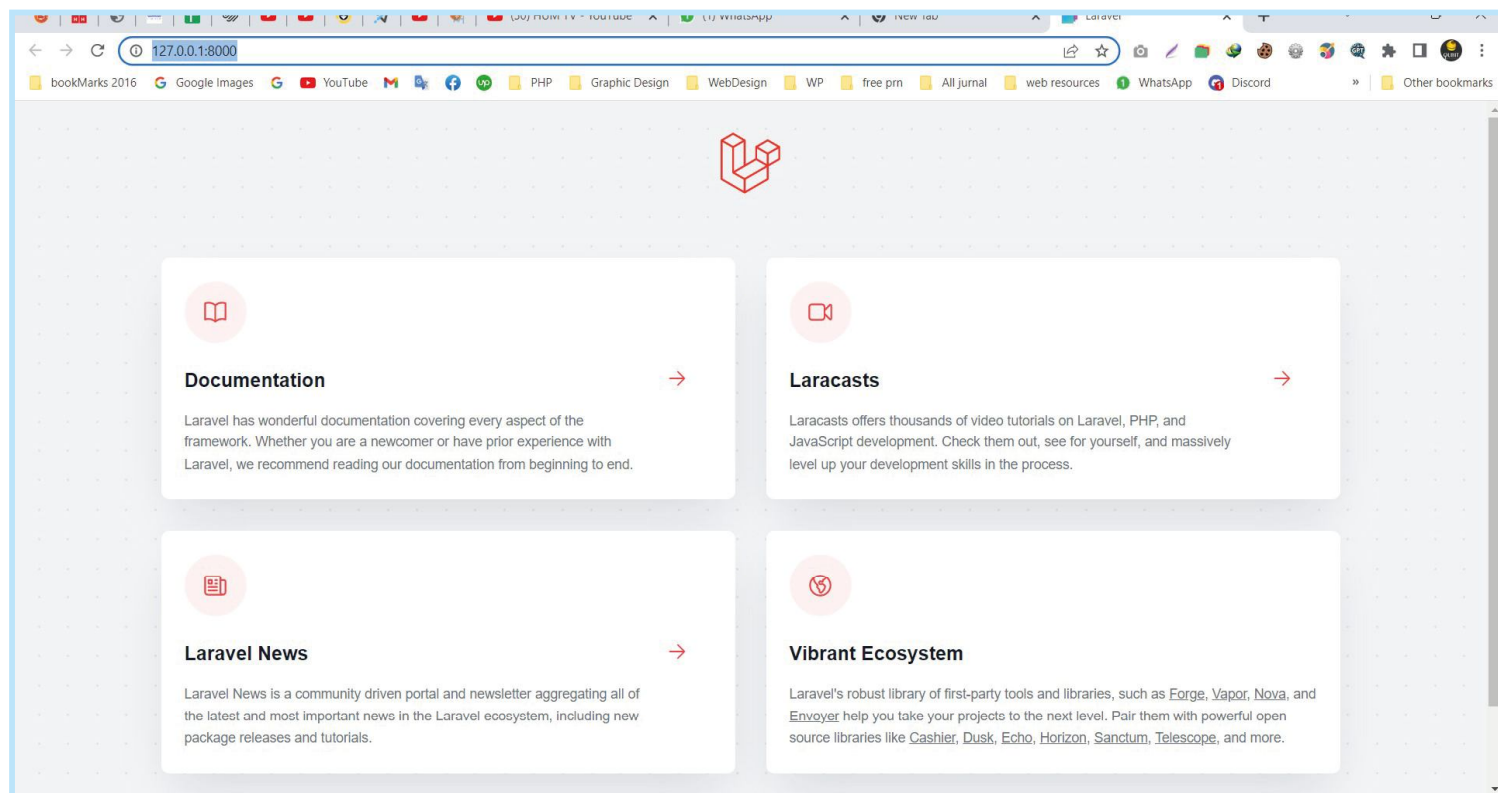


Image: Screenshot of the running server

How to: To achieve above result, I used Composer command in my Windows terminal as below.
composer create-project laravel/laravel myShop

Part 2: Laravel Folder Structure

Descriptions the purpose of each of the following folders (Name in Bold) in a Laravel project:

app: This folder contains the core code of the application, including controllers, models, views, and other supporting files.

bootstrap: In this folder contains the files needed to bootstrap the framework and configure autoloading.

config: Contains configuration files for the application, as database connection details and environment variables.

database: Including migrations and seeders files this folder contains database-related files,

public: The front-end assets of the application contains the folder, such as CSS, JavaScript, and images.

resources: Contains the uncompiled resources, such as blade templates and JavaScript files, that will be compiled by Laravel's asset compilation system.

routes: This folder contains the route definitions for the application.

storage: In this folder, contains files that need to be stored for the application, such as logs, cache files, and user-generated content.

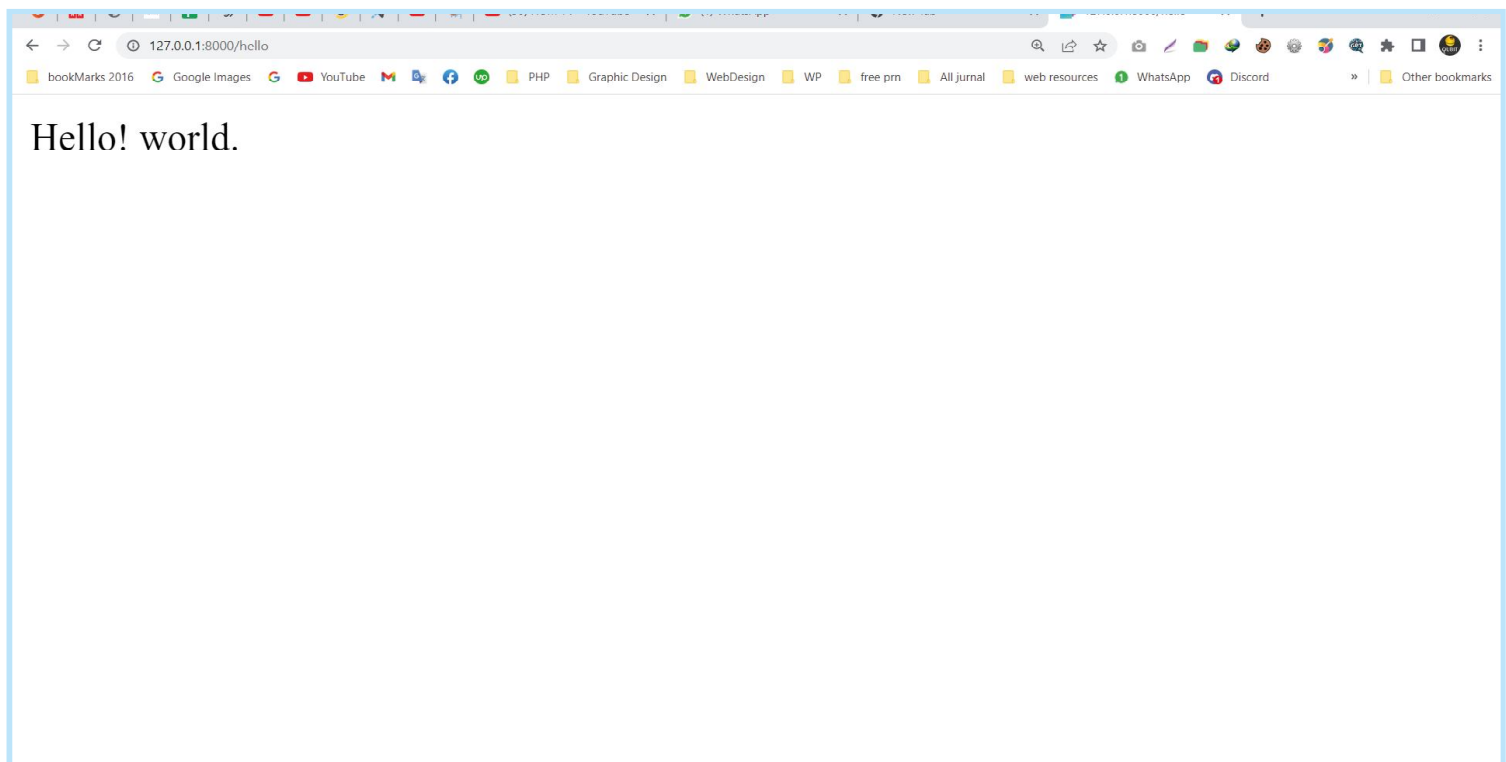
tests: This folder contains the automated tests for the application.

Vendor: This folder contains all the application's dependencies installed via Composer

To create new route I used the code shown below in the routes/web.php file.

```
19
20 Route::get( '/hello', function () {
21     return "Hello! world.";
22 });
23
```

Then navigated to the URL <http://localhost:8000/hello> in my web browser and took a screenshot that I have attached below as a proof that the new route was working correctly.



Regards
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