01. Laravel Instalation

To get started, first I will navigate to my installed path and open the terminal. Once I have the terminal open, I will enter the command "laravel new portfolio_app" to install a new Laravel application named "portfolio_app". This command will set up the necessary files and dependencies for my project.

After the installation is complete, I will navigate to the project folder by using the command "cd portfolio_app" in the terminal. This will take me to the root directory of my Laravel project.

Once I'm in the project folder, I can start the development server by entering the command "php artisan serve" in the terminal. This command will launch the built-in PHP development server, allowing me to access my Laravel application locally.

Screenshort


```
❯ swp
❯ laravel new portfolio_app




Creating a "laravel/laravel" project at "./portfolio_app"
Info from https://repo.packagist.org: #StandWithUkraine
Installing laravel/laravel (v10.2.0)
  - Installing laravel/laravel (v10.2.0): Extracting archive
Created project in /Users/mominul/Sites/portfolio_app
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 107 installs, 0 updates, 0 removals
  - Locking brick/math (0.11.0)
  - Locking dflydev/dot-access-data (v3.0.2)
  - Locking doctrine/inflector (2.0.6)
  - Locking doctrine/lexer (3.0.0)
  - Locking dragonmantank/cron-expression (v3.3.2)
  - Locking egulias/email-validator (4.0.1)
  - Locking fakerphp/faker (v1.21.0)
  - Locking filp/whoops (2.15.2)
  - Locking fruitcake/php-cors (v1.2.0)
  - Locking graham-campbell/result-type (v1.1.1)
  - Locking guzzlehttp/guzzle (7.6.0)
  - Locking guzzlehttp/promises (1.5.2)
  - Locking guzzlehttp/psr7 (2.5.0)
  - Locking guzzlehttp/uri-template (v1.0.1)
  - Locking hamcrest/hamcrest-php (v2.0.1)
```

```
php artisan serve

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

Press Ctrl+C to stop the server

2023-05-15 22:52:48 ......................................................................... ~ 0s
2023-05-15 22:52:48 /favicon.ico .............................................................. ~ 0s
2023-05-15 22:52:54 ......................................................................... ~ 0s
2023-05-15 22:52:54 /favicon.ico .............................................................. ~ 0s
2023-05-15 22:53:18 ......................................................................... ~ 0s
2023-05-15 22:53:18 /favicon.ico .............................................................. ~ 0s
```

Part 2: Laravel Folder Structure

- **app** - This folder contains the core files of your application, such as your models, controllers, and views.

- **bootstrap** - This folder contains the bootstrapping files for the application, such as the app.php file which loads the framework and configures the application.

- **config** - This folder contains the configuration files for the application, such as the database connection settings and the application environment.

- **database** - This folder contains the database files for the application, such as the migration files and the database dump.

- **public** - This folder contains the publicly accessible files for the application, such as the CSS, JavaScript, and images.

- **resources** - This folder contains the raw assets for the application, such as the translation files and the LESS files.

- **routes** - This folder contains the route definitions for the application, which define how requests are routed to controllers.

- **storage** - This folder contains the application's storage files, such as the logs, sessions, and caches.

- **tests** - This folder contains the unit and integration tests for the application.

- **vendor** - This folder contains the third-party libraries that are used by the application.

Created a new route

I created a simple rout, in the web.php file in the routes folder.