

app: The app folder contains the core of your Laravel application. It includes the application's models, controllers, middleware, and other essential classes. This is where you'll primarily work on the business logic and functionality of your application.

bootstrap: The bootstrap folder contains the application's bootstrap files, including the `app.php` file that initializes the Laravel framework. It also contains the cache folder, which stores framework-generated cache files to improve performance.

config: The config folder contains various configuration files for your Laravel application. It includes files for database connections, application settings, service providers, and other configuration options. You can modify these files to customize the behavior of your application.

database: The database folder is used for database-related files. It contains migrations, which are database schema files that define the structure of your database tables. It also includes seeders, which are used to populate the database with sample data.

public: The public folder is the web server's document root or the public-facing directory of your application. It contains the entry point (`index.php`) of your application and serves as the endpoint for incoming HTTP requests. This folder also includes assets like CSS, JavaScript, and media files that are accessible to the public.

resources: The resources folder stores various resource files, such as views, language files, and assets. It contains the views subfolder, where you can find the Blade templates used to render HTML responses. Other subfolders may include `lang` for language files and `assets` for uncompiled CSS, JavaScript, or image files.

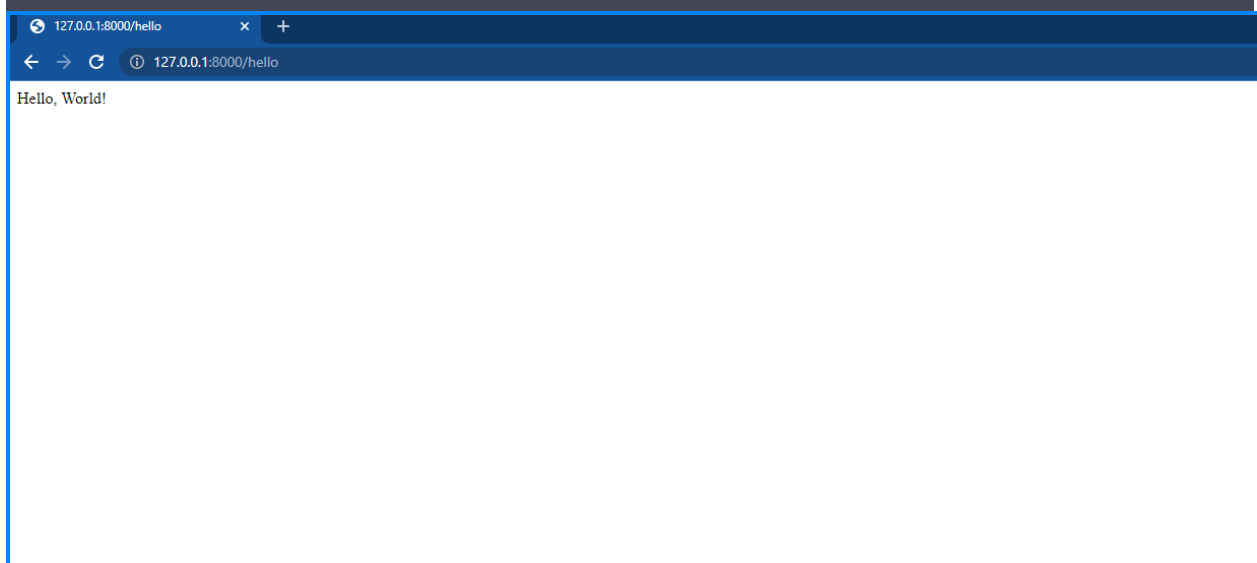
routes: The routes folder contains route definition files that determine how incoming requests should be handled. It includes the `web.php` file for web routes and the `api.php` file

for API routes. Here, you can define the URLs and their corresponding controllers or closures that handle the logic for different routes.

storage: The storage folder is used to store various application files generated during runtime, such as logs, cached views, uploaded files, and other temporary data. It includes subfolders like `app` for application-specific storage, `framework` for framework-generated files, and `logs` for log files.

tests: The tests folder contains the automated tests for your application. Laravel provides a testing framework that allows you to write unit tests, feature tests, and other types of tests to ensure the correctness and stability of your code.

vendor: The vendor folder is created and managed by Composer, a dependency management tool used by Laravel. It contains all the third-party libraries and packages installed via Composer. Laravel itself is also installed in this folder, along with its core dependencies. You should avoid modifying the files in this folder directly.

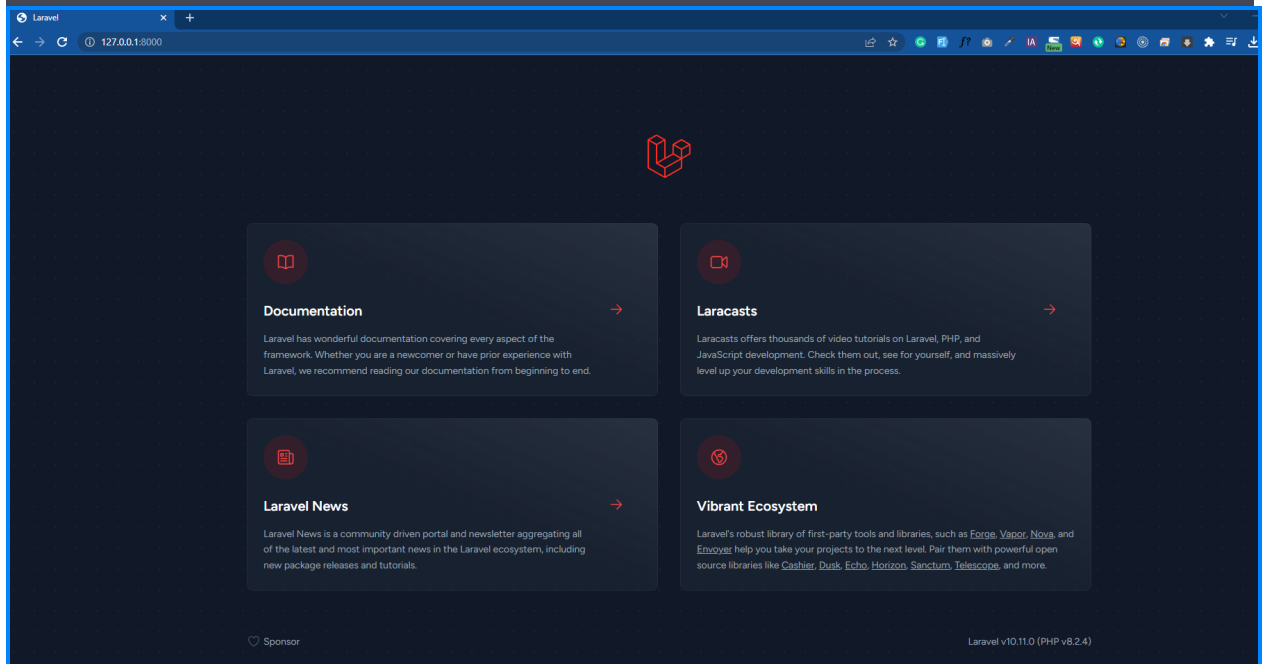


```
SOURAV@DESKTOP-FE69ILH MINGW64 /d/laravel-install/assignment
$ php artisan serve
```

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

```
Press Ctrl+C to stop the server
```

```
2023-05-17 00:03:40 .....
2023-05-17 00:03:40 /favicon.ico .....
2023-05-17 00:06:09 .....
2023-05-17 00:06:09 /favicon.ico .....
2023-05-17 00:29:05 .....
2023-05-17 00:29:05 /favicon.ico .....
```



```
SOURAV@DESKTOP-FE69ILH MINGW64 /d/laravel-install
$ laravel new assignment
```



```
Creating a "laravel/laravel" project at "./assignment"
Installing laravel/laravel (v10.2.1)
- Downloading laravel/laravel (v10.2.1)
```

```
SOURAV@DESKTOP-FE69ILH MINGW64 /d/laravel-install
$ laravel
Laravel Installer 4.5.0
```

```
Usage:
  command [options] [arguments]
```

Options:

-h, --help	Display help for the given command. When no command is given display help for the list command
-q, --quiet	Do not output any message
-V, --version	Display this application version
--ansi --no-ansi	Force (or disable --no-ansi) ANSI output
-n, --no-interaction	Do not ask any interactive question
-v vv vvv, --verbose	Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:

```
SOURAV@DESKTOP-FE69ILH MINGW64 /d/laravel-install
$ composer global require laravel/installer
Changed current directory to C:/Users/SOURAV/AppData/Roaming/Composer
./composer.json has been created
Running composer update laravel/installer
Loading composer repositories with package information
Updating dependencies
Lock file operations: 11 installs, 0 updates, 0 removals
```