Assignment Name : Laravel Installation and Folder Structure Assignment
Part 1: Laravel Installation
Part 2: Laravel Folder Structure

Student Name : Shafayat Hossain
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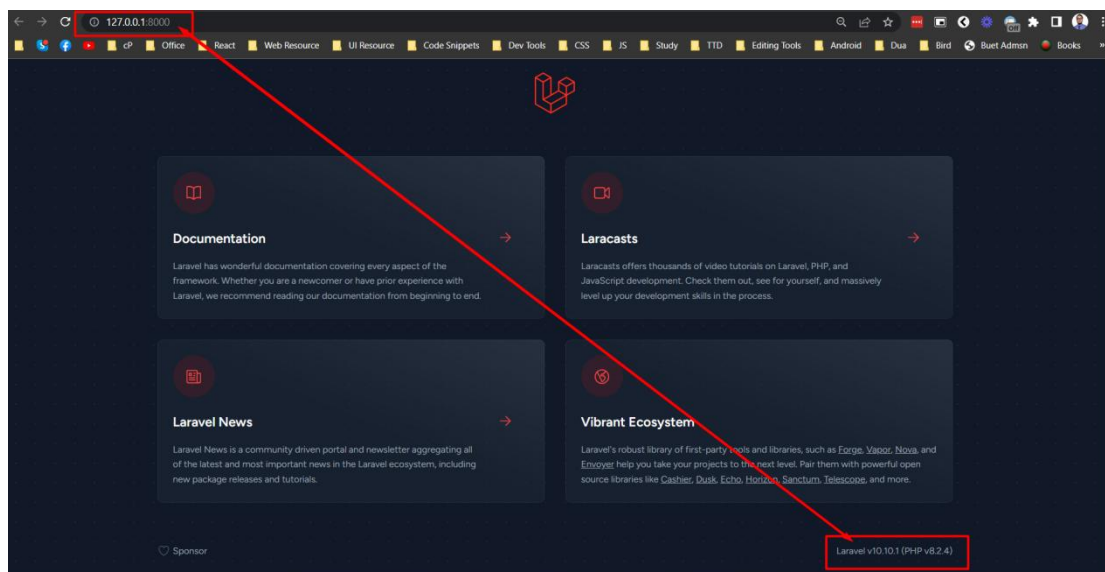
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Part 1: Laravel Installation:

To install Laravel, I followed the steps below:

After installing PHP through XAMPP and Composer as recommended in the Laravel documentation.I created a new Laravel project using the following command in the terminal: *'composer create-project laravel/laravel module13* where *'module13'* is the name of my new Laravel project.

After creating the project, I navigated to the project's root directory in the terminal and ran the following command to start the Laravel development server: *'php artisan serve'.* Then I've visited the URL *http://localhost:8000* in my web browser, and it displayed the default Laravel welcome page. I took a screenshot of the welcome page as proof that Laravel was installed and working correctly.

Part 2: Laravel Folder Structure

Here is a brief description of each of the folders in a Laravel project:

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

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

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

database: contains database-related files, including migrations and seeders.

public: contains the front-facing assets of the application, 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: contains the route definitions for the application.

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

tests: contains the automated tests for the application.

vendor: contains the application's dependencies installed via Composer.

To create a new **route** in my Laravel project that displays a "Hello, Shafayat!" message, I added the following code to the *routes/web.php* file:

```
Route::get('/hello', function () {
 return 'Hello, Shafayat!';
});
```

then navigated to the URL *http://localhost:8000/hello* in my web browser, and saw the *"Hello, Shafayat!"* message that attached bellow.