

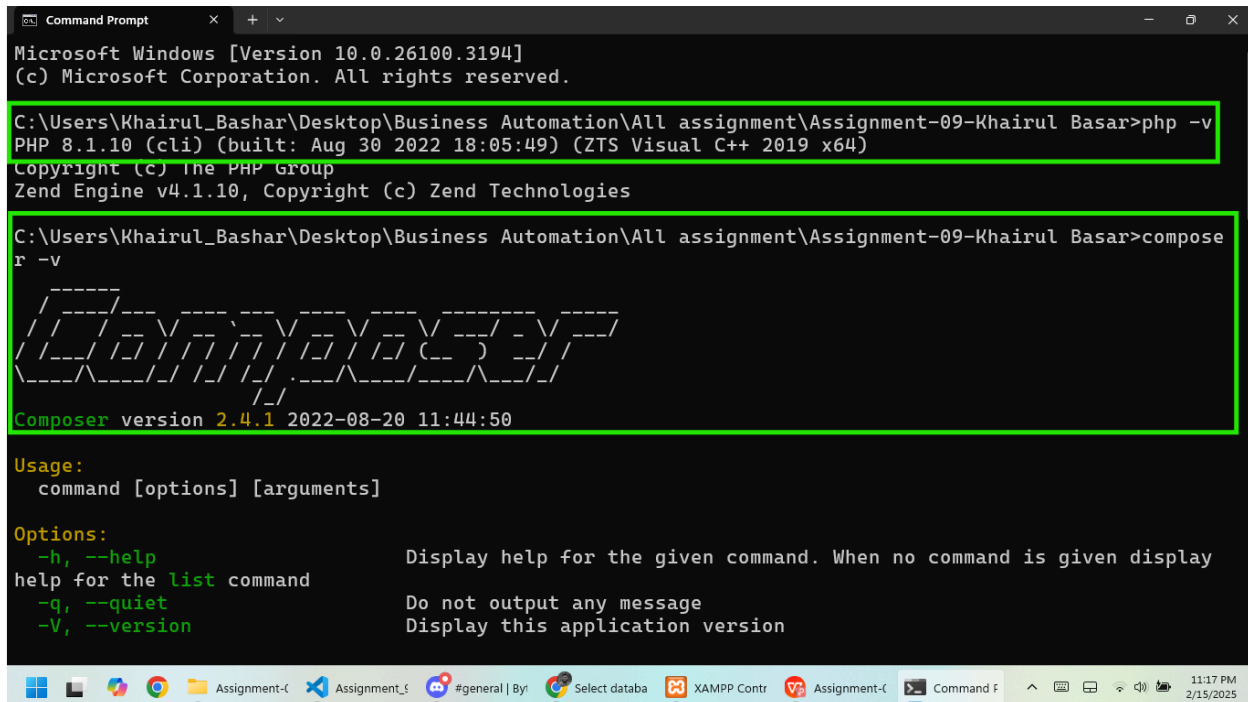
# Assignment 09 - Task-03

Laravel Application Setup and Execution

Submitted by Khairul Basar

## 1. Install PHP:

## 2. Install Composer:



```
Microsoft Windows [Version 10.0.26100.3194]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar>php -v
PHP 8.1.10 (cli) (built: Aug 30 2022 18:05:49) (ZTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.1.10, Copyright (c) Zend Technologies

C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar>composer
r -v

Composer version 2.4.1 2022-08-20 11:44:50

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
```

## 3. Install Laravel Using Composer:

```
composer create-project --prefer-dist laravel/laravel
my_laravel_app
```

```
Command Prompt - compc x + v
run-script [run] Runs the scripts defined in composer.json
search [search] Searches for packages
self-update [selfupdate] Updates composer.phar to the latest version
show [info] Shows information about packages
status Shows a list of locally modified packages
suggests Shows package suggestions
update [update] Updates your dependencies to the latest version according to composer.json, and updates the composer.lock file
validate Validates a composer.json and composer.lock

C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar>composer create-project --prefer-dist laravel/laravel my_laravel_app
Creating a "laravel/laravel" project at "./my_laravel_app"
Cannot use laravel/laravel's latest version v11.6.1 as it requires php ^8.2 which is not satisfied by your platform.
Installing laravel/laravel (v10.3.3)
- Downloading laravel/laravel (v10.3.3)
- Installing laravel/laravel (v10.3.3): Extracting archive
Created project in C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar\my_laravel_app
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 111 installs, 0 updates, 0 removals
- Locking brick/math (0.12.2)
- Locking carbonphp/carbon-doctrine-types (2.1.0)
- Locking dflydev/dot-access-data (v3.0.3)
- Locking doctrine/inflector (2.0.10)
- Locking doctrine/lexer (3.0.1)
- Locking dragonmantank/cron-expression (v3.4.0)
- Locking egulias/email-validator (4.0.3)
- Locking fakerphp/faker (v1.24.1)
- Locking filp/shops (2.17.0)
- Locking fruitcake/php-cors (v1.3.0)
- Locking graham-campbell/result-type (v1.1.3)
- Locking guzzlehttp/guzzle (7.9.2)
- Locking guzzlehttp/promises (2.0.4)
- Locking guzzlehttp/psr7 (2.7.0)
- Locking guzzlehttp/uri-template (v1.0.4)
- Locking hamcrest/hamcrest-php (v2.0.1)
- Locking laravel/framework (v10.48.28)
- Locking laravel/pint (v1.20.0)
- Locking laravel/prompts (v0.1.25)
- Locking laravel/sail (v1.41.0)
- Locking laravel/sanctum (v3.3.3)
- Locking laravel/serializable-closure (v1.3.7)
- Locking laravel/tinker (v2.10.1)
- Locking league/commonmark (2.6.1)
```

#### 4. Navigate to Project Directory:

```
cd my_laravel_app
```

#### 5. Run the built-in Laravel development server:

```
php artisan serve
```

```
Command Prompt - php a | X + v
- Installing phpunit/phpunit (10.5.45): Extracting archive
- Installing spatie/error-solutions (1.1.3): Extracting archive
- Installing spatie/backtrace (1.7.1): Extracting archive
- Installing spatie/flare-client-php (1.10.1): Extracting archive
- Installing spatie/ignition (1.15.0): Extracting archive
- Installing spatie/laravel-ignition (2.9.0): Extracting archive
86 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi

 INFO  Discovering packages.

laravel/sail ..... DONE
laravel/sanctum ..... DONE
laravel/tinker ..... DONE
nesbot/carbon ..... DONE
nunomaduro/collision ..... DONE
nunomaduro/termwind ..... DONE
spatie/laravel-ignition ..... DONE

82 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force

 INFO  No publishable resources for tag [laravel-assets].

No security vulnerability advisories found
> @php artisan key:generate --ansi

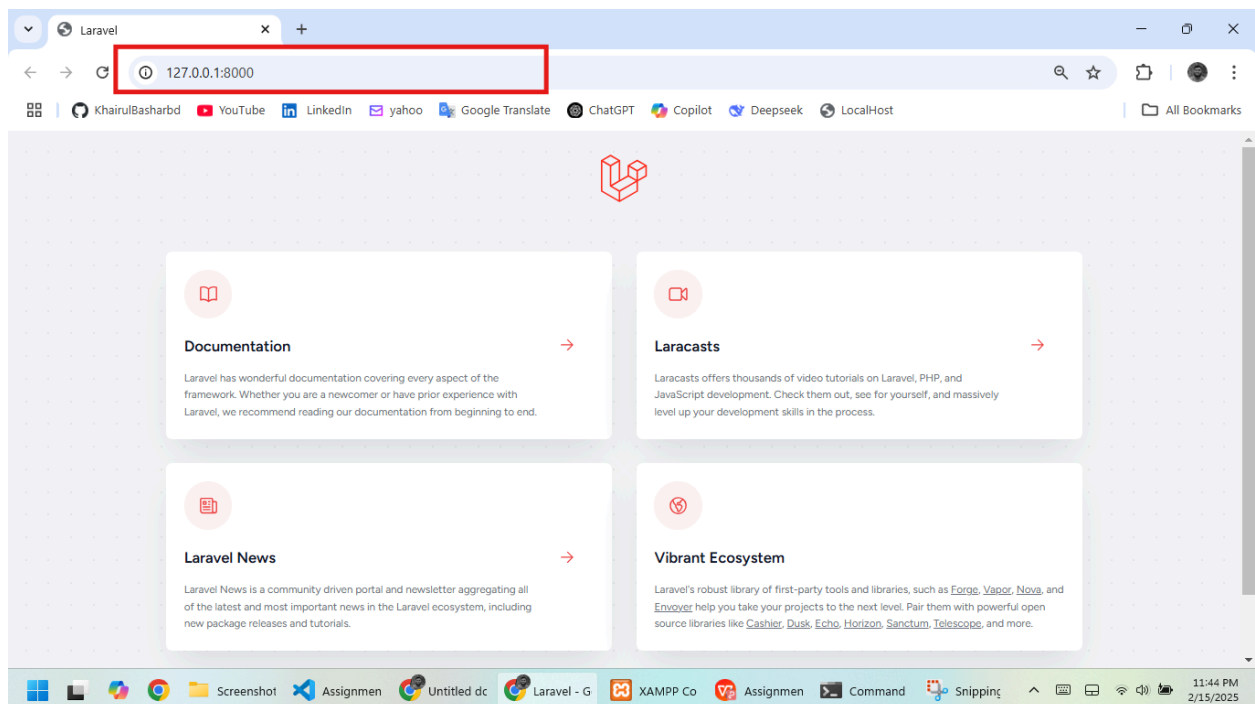
 INFO  Application key set successfully.

C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar>cd my_laravel_app
C:\Users\Khairul_Bashar\Desktop\Business Automation\All assignment\Assignment-09-Khairul Basar\my_laravel_app>php artisan serve

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

Press Ctrl+C to stop the server
2025-02-15 23:42:13 ..... 1s
2025-02-15 23:42:13 /favicon.ico ..... 2s
```

## 6. Laravel application running:

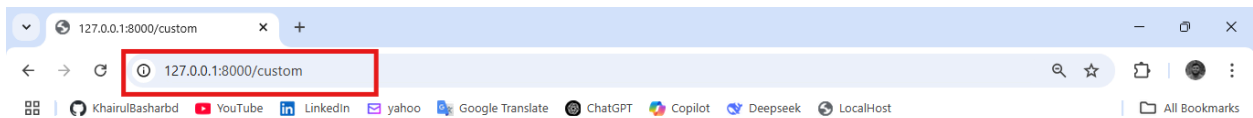


## 7. Create a Custom Route in *routes/web.php* file :

```
use Illuminate\Support\Facades\Route;

Route::get('/custom', function () {
    return "<h1>Hello, this is a custom route!</h1>";
});
```

## 8. visit *http://127.0.0.1:8000/custom*



**Hello, this is a custom route!**

