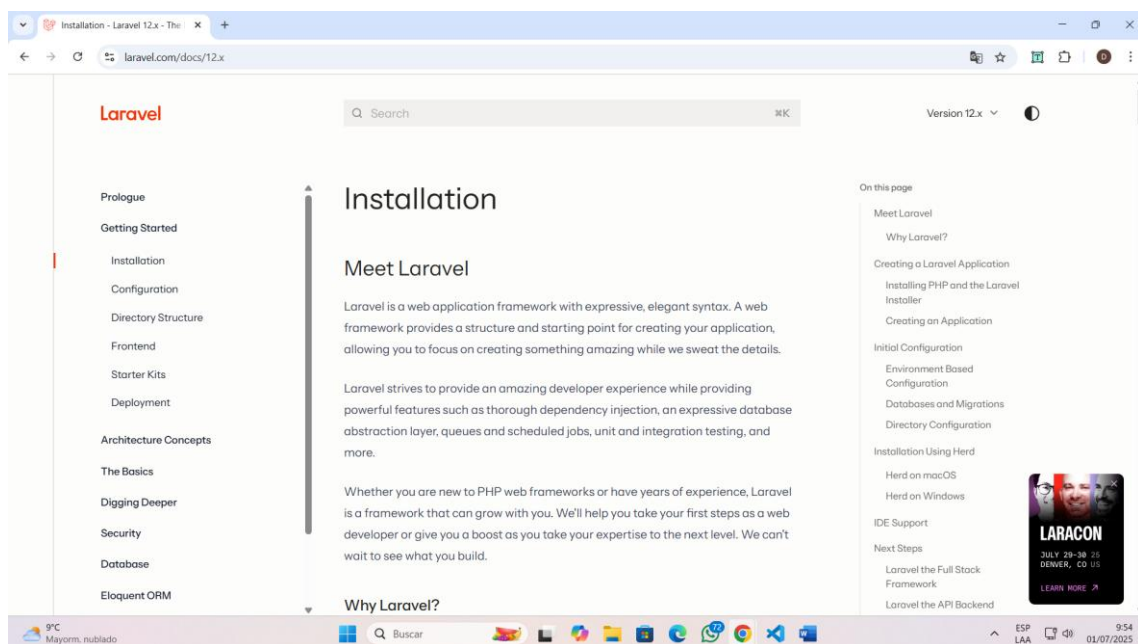
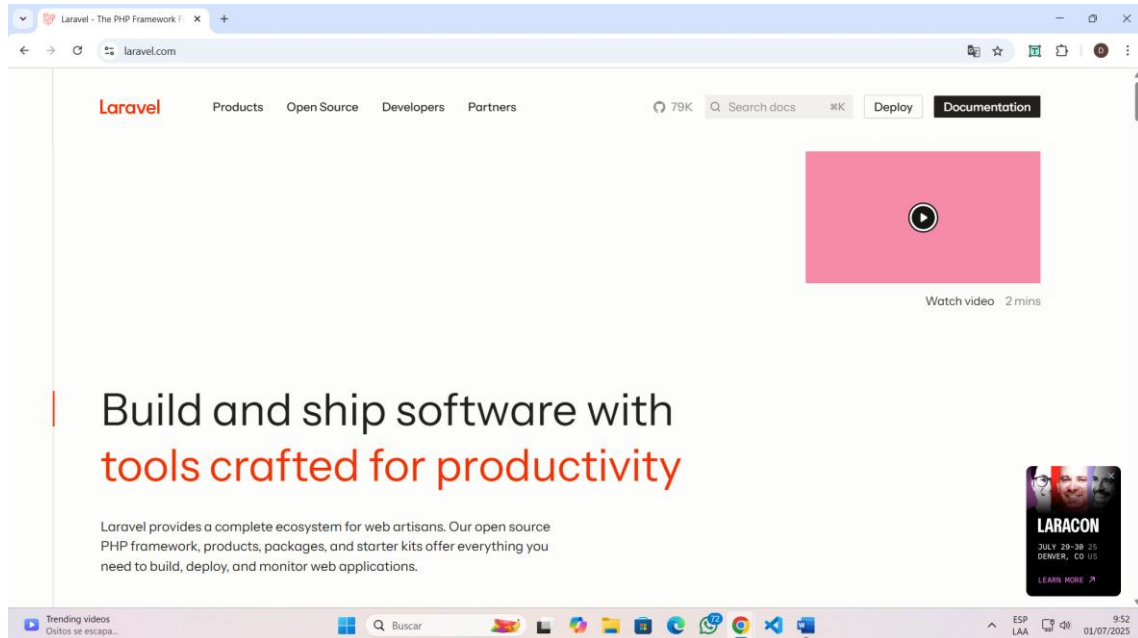


Trabajaremos con el framework Laravel

Se apoya en el modelo -vista-controlador (MVC)

Descargamos Laravel



Abrimos php.ini como block de notas, esto estará dentro de la carpeta apache y buscamos en el block nuestras extensiones que esta en la línea 918, el cual esta configurado con la extensión zip y así sucesivamente, luego vemos pdo_sqlite y el mysqli.

Abrimos el proyecto con CMD

Introducimos el siguiente comando:

```
composer create-project laravel/laravel proy-laravel01
```

```
cd proy-laravel01
```

```
php artisan serve
```

Luego abrir en el navegador en http

Con el visual encontraremos la carpeta http controller

Luego por comandos instalamos por cuadro de comandos: composer global require "laravel/installer"

Salimo de la carpeta con cd..

Laravel new y saldrá una interfaz para realizar la instalación:

Le damos a livewire y le damos enter

Siguiendo escogemos laravel y le damos enter

Luego introducimos no

Escogemos la opción 1y le damos enter

Entonces seguirá la instalación de lo que es laravel

Finalmente le damos yes para el npm install y el build

Nos dirigimos al visual y ubicamos en archivo .env en el cual se encuentran los parámetro y se van a vincular a local host

En la carpeta migration ubicamos database.sqlite el cual utiliza el archivo para almacenar las tablas.

En DB_CONNECTION editamos "Le tome foto para que se pueda revisar"

Una vez configuramos esto, grabamos y tendremos acceso a la base de datos.

Abajo abrimos una terminal

Ingresamos el comando php artisan migrate, pero antes vemos la siguiente línea

Sino nos vamos a la carpeta migrations, en el cual tenemos 3 archivos.

Luego le damos enter al comando anterior y escribimos yes

Volvemos e introducimos el comando php artisan serve pero ya no el terminal del visual sino del sistema mismo.

Verificamos que ya está cuando aparece las dos opciones de login y register

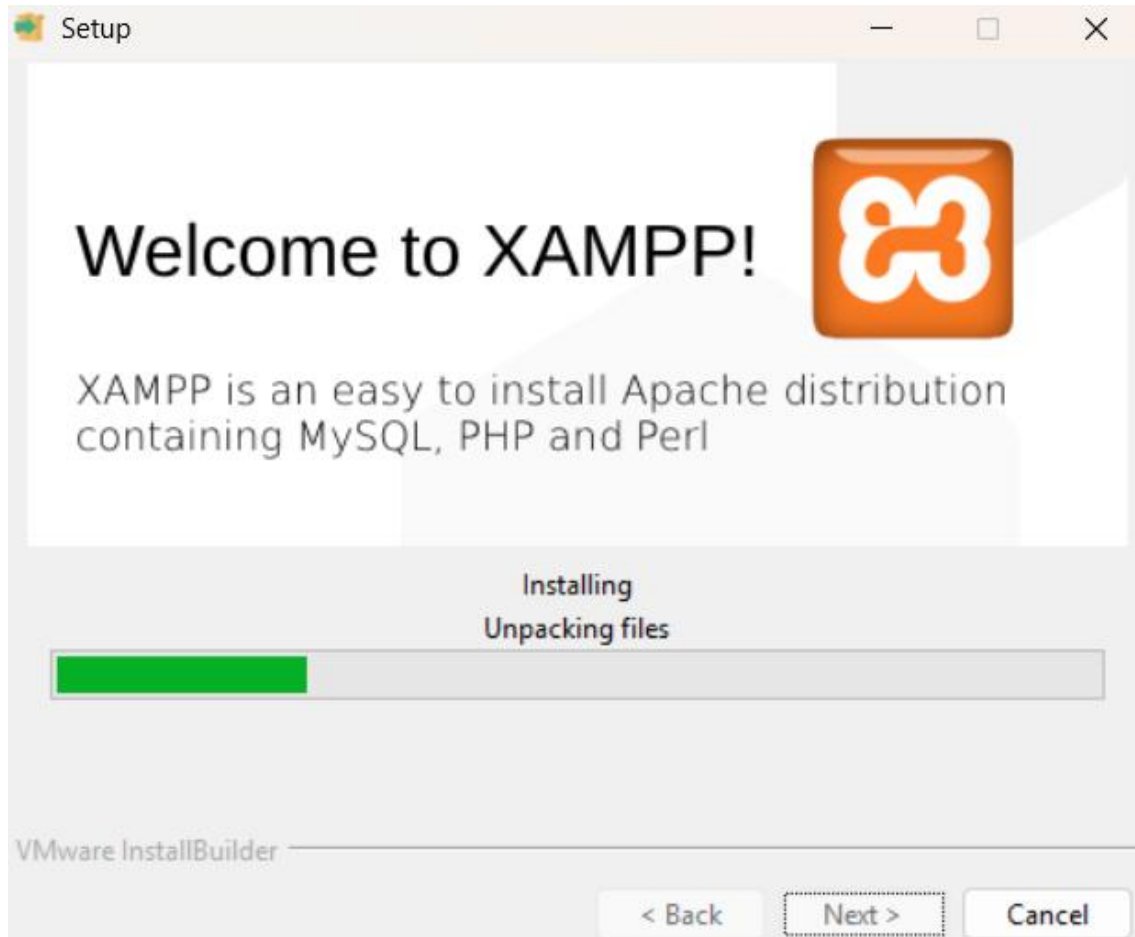
Creamos una cuenta en register, rellenamos los datos necesarios y creamos.

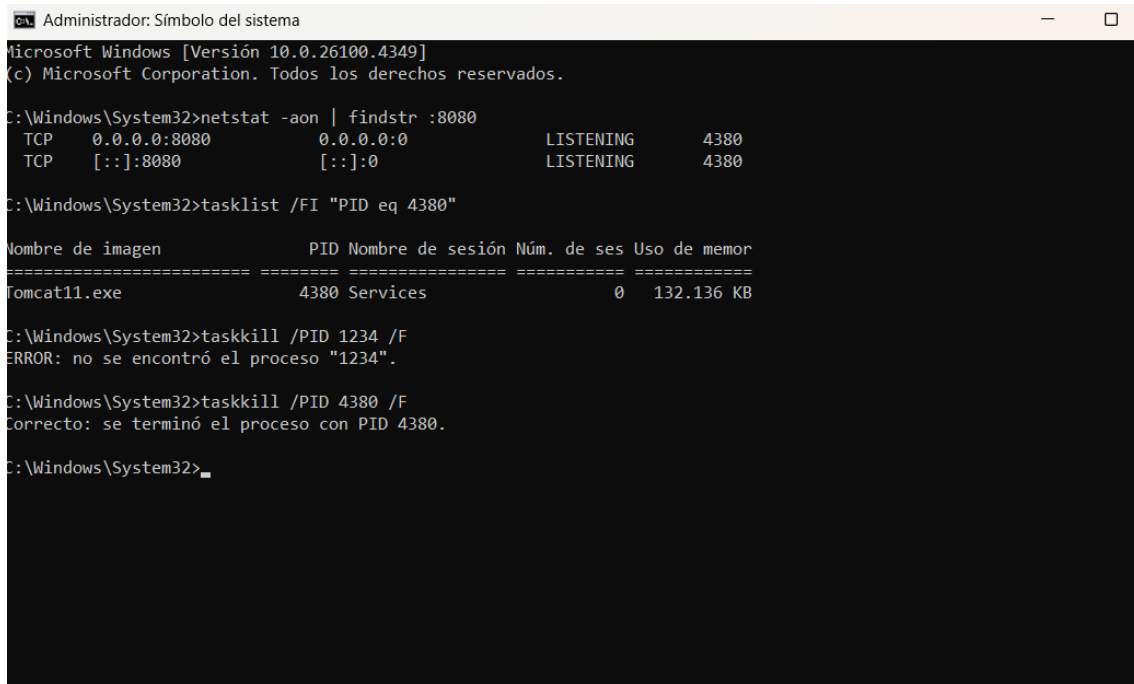
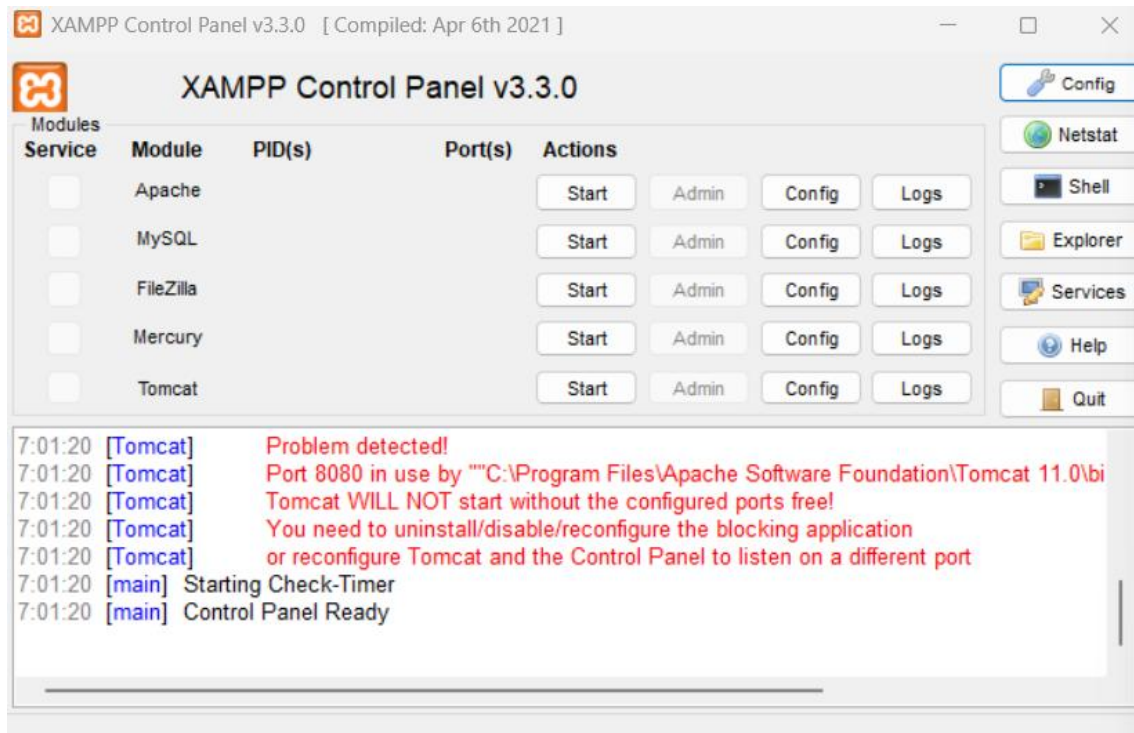
Luego se nos muestra el dashboard cuando se crea el proyecto

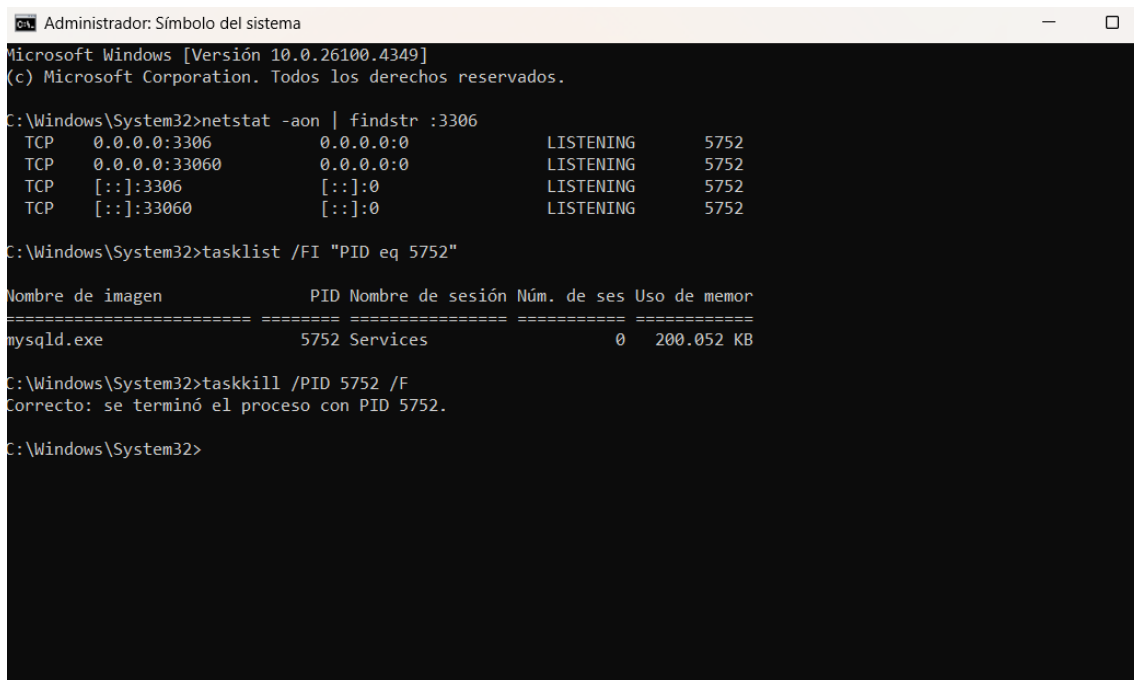
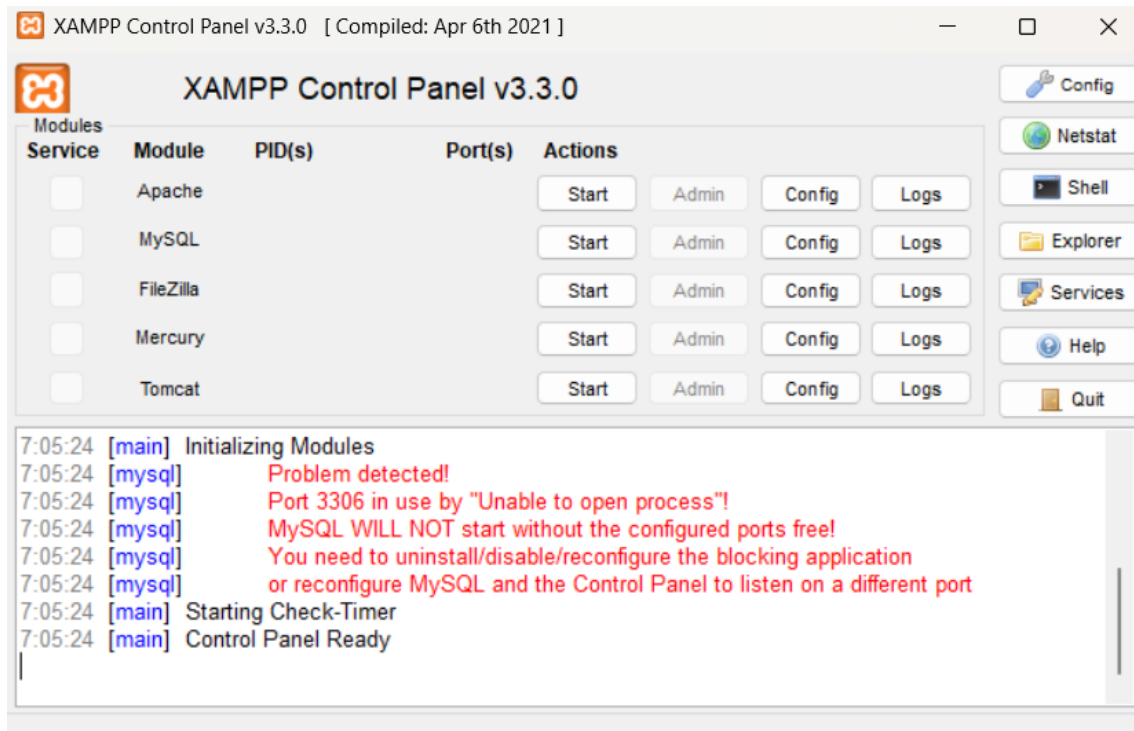
Aquí podemos editar o crear la aplicación.

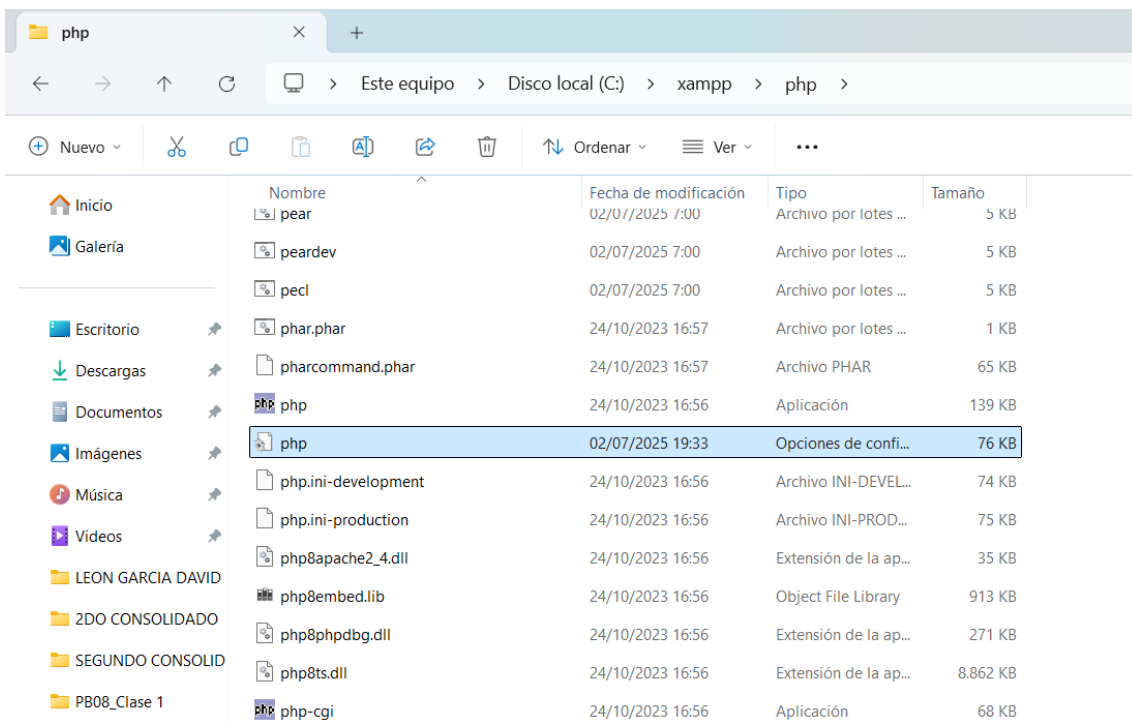
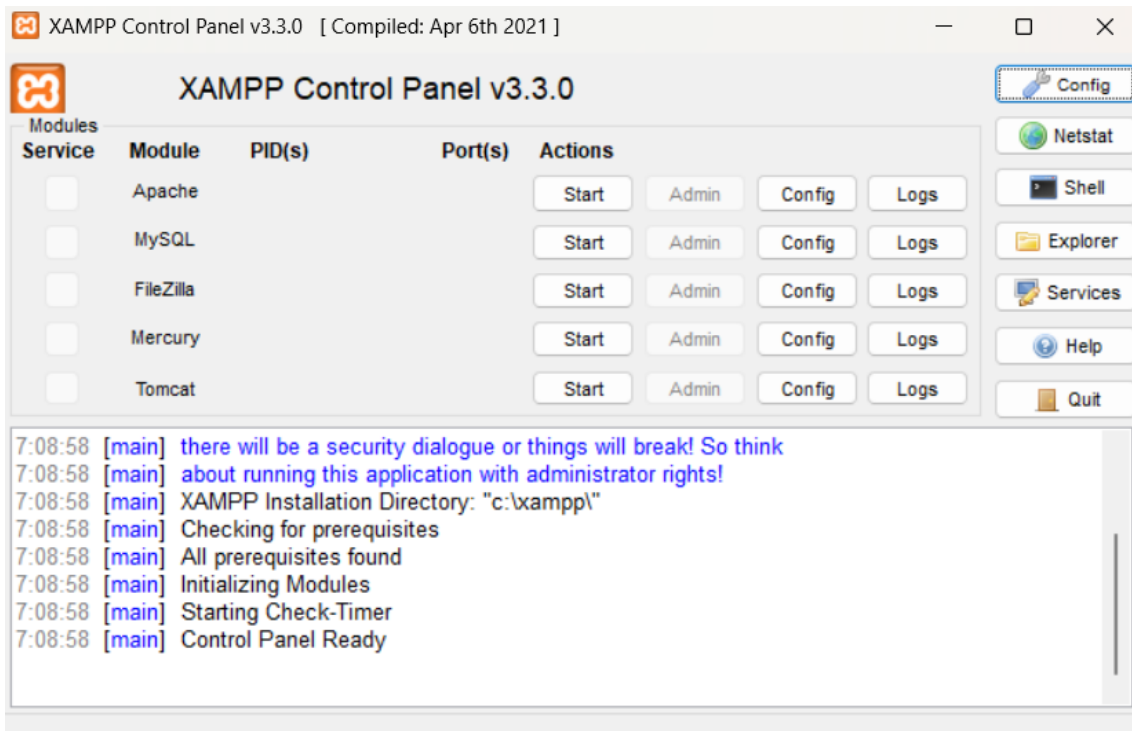
PASO 1.

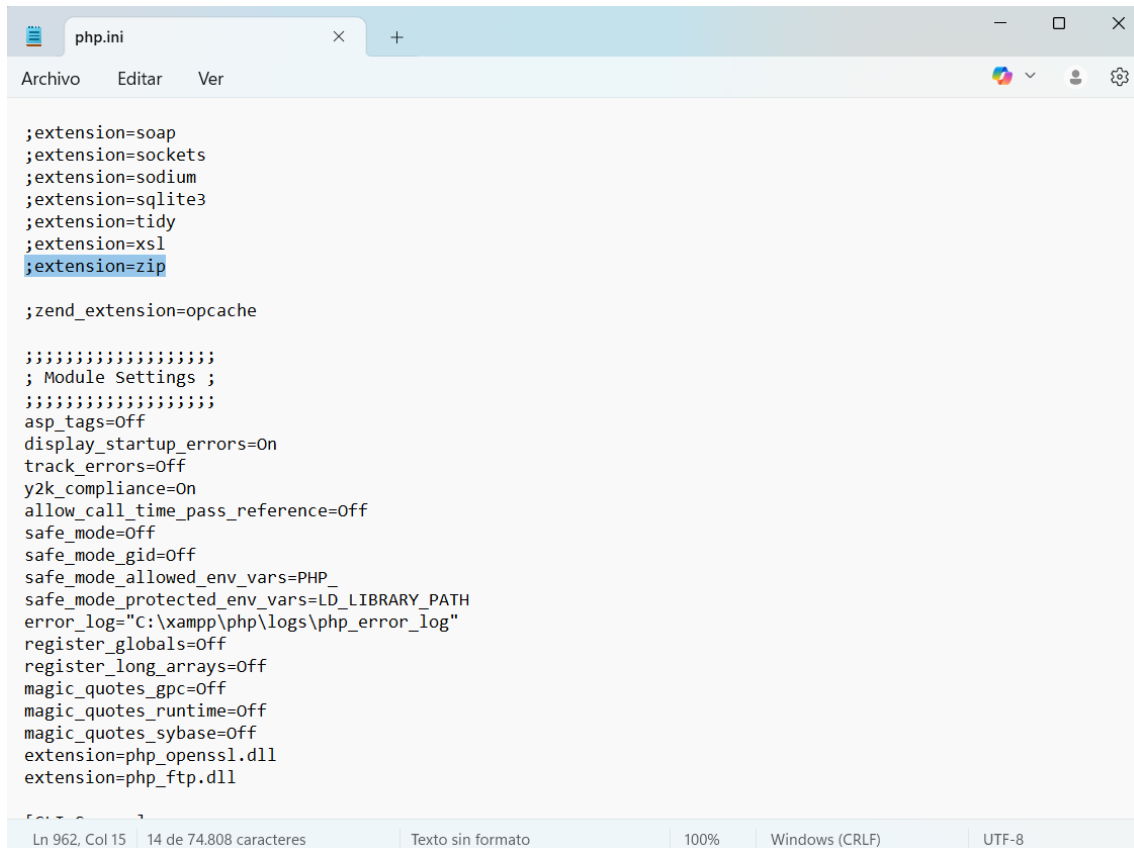
Necesitamos un servidor apache que corra php, que tenga una base de datos integrada y para ello se utiliza XAMPP esta herramienta nos va servir para que podamos correr aplicaciones php y en específico instalar Laravel, entonces el paso inicial es descargar XAMPP.











php.ini

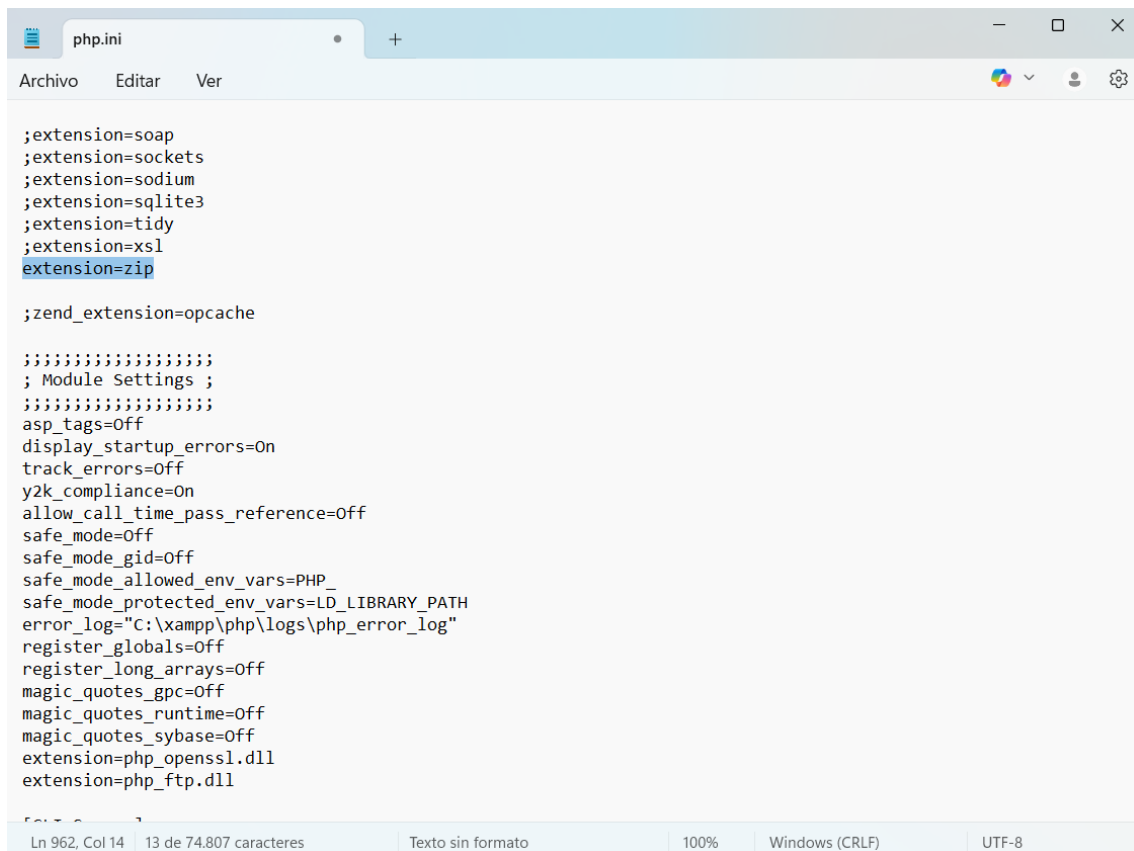
Archivo Editar Ver

```
;extension=soap
;extension=sockets
;extension=sodium
;extension=sqlite3
;extension=tidy
;extension=xsl
;extension=zip

;zend_extension=opcache

;;;;;;;;;;;;;;;;;;;;;;;;;
; Module Settings ;
;;;;;;;;;;;;;;;;;;;;;;;;;
asp_tags=Off
display_startup_errors=On
track_errors=Off
y2k_compliance=On
allow_call_time_pass_reference=Off
safe_mode=Off
safe_mode_gid=Off
safe_mode_allowed_env_vars=PHP_
safe_mode_protected_env_vars=LD_LIBRARY_PATH
error_log="C:\xampp\php\logs\php_error_log"
register_globals=Off
register_long_arrays=Off
magic_quotes_gpc=Off
magic_quotes_runtime=Off
magic_quotes_sybase=Off
extension=php_openssl.dll
extension=php_ftp.dll
```

Ln 962, Col 15 | 14 de 74.808 caracteres | Texto sin formato | 100% | Windows (CRLF) | UTF-8



php.ini

Archivo Editar Ver

```
;extension=soap
;extension=sockets
;extension=sodium
;extension=sqlite3
;extension=tidy
;extension=xsl
extension=zip

;zend_extension=opcache

;;;;;;;;;;;;;;;;;;;;;;;;;
; Module Settings ;
;;;;;;;;;;;;;;;;;;;;;;;;;
asp_tags=Off
display_startup_errors=On
track_errors=Off
y2k_compliance=On
allow_call_time_pass_reference=Off
safe_mode=Off
safe_mode_gid=Off
safe_mode_allowed_env_vars=PHP_
safe_mode_protected_env_vars=LD_LIBRARY_PATH
error_log="C:\xampp\php\logs\php_error_log"
register_globals=Off
register_long_arrays=Off
magic_quotes_gpc=Off
magic_quotes_runtime=Off
magic_quotes_sybase=Off
extension=php_openssl.dll
extension=php_ftp.dll
```

Ln 962, Col 14 | 13 de 74.807 caracteres | Texto sin formato | 100% | Windows (CRLF) | UTF-8

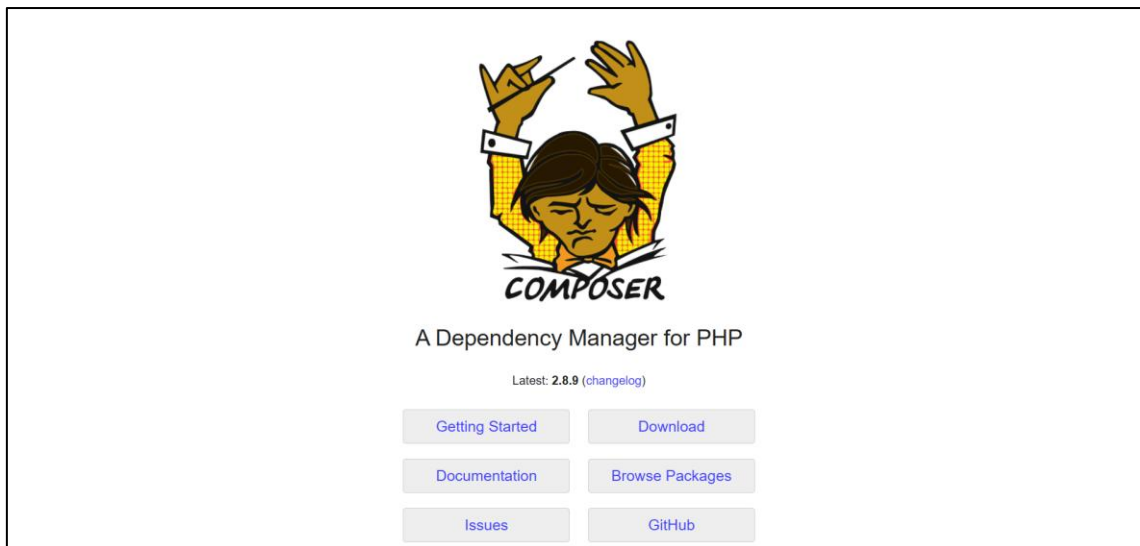
PASO 2

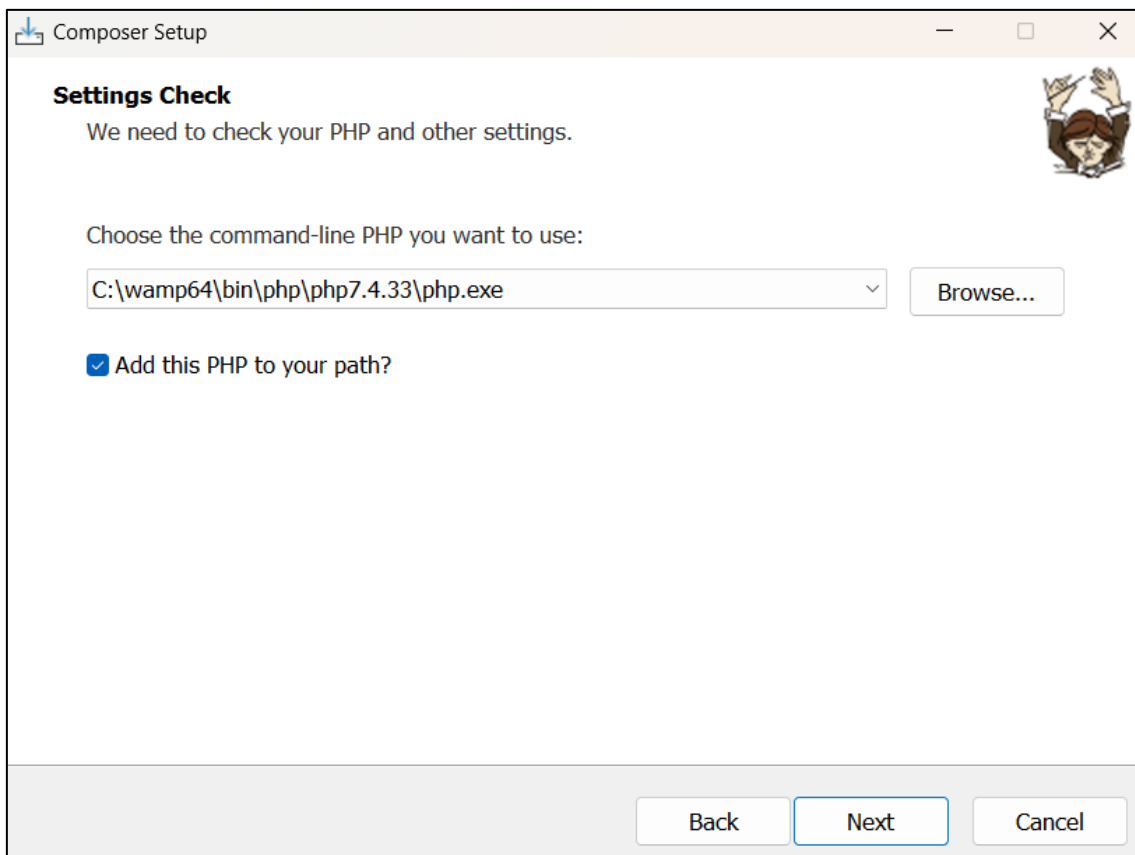
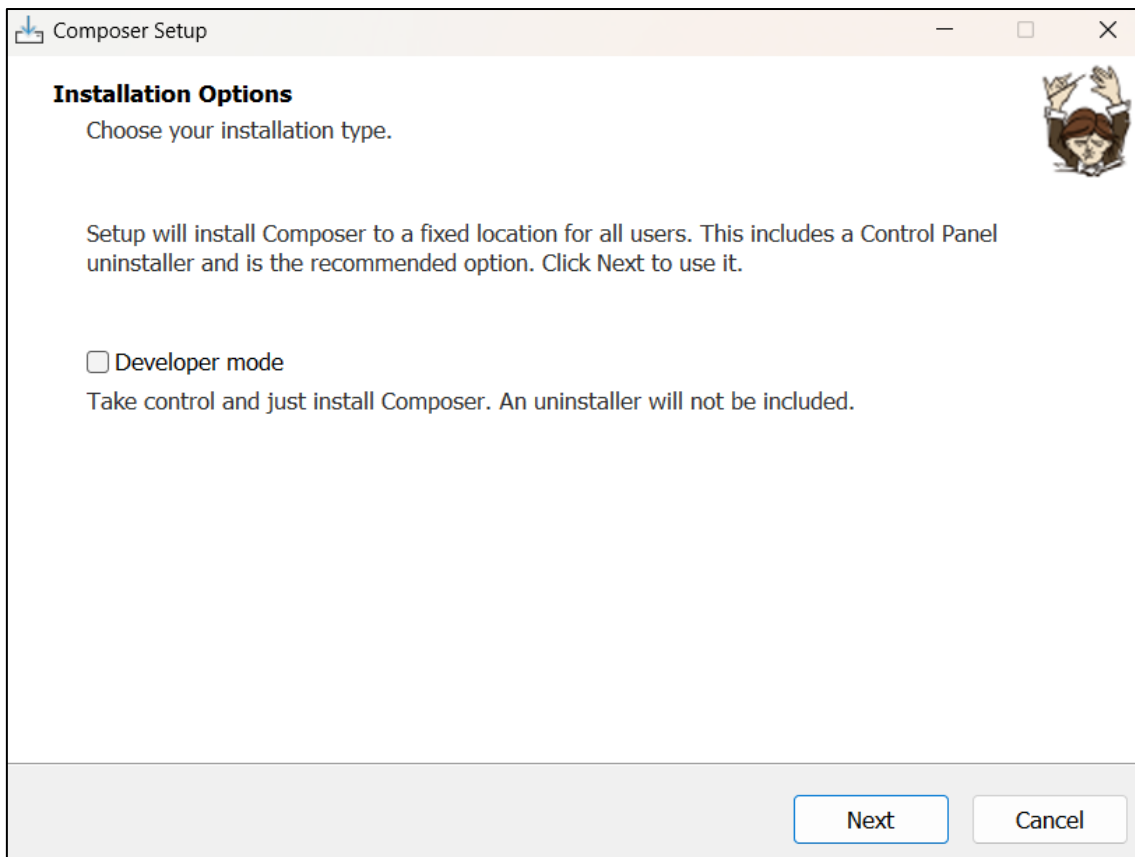
Utilizaremos visual estudio code.

PASO 3.

Utilizaremos también composer, nos sirve para poder manejar toda la instalación de laravel y poder agregar instrucciones por ejemplo de creación de controladores creación de vistas e inclusive creación del mismo proyecto realizado con laravel.

<https://getcomposer.org/>





Esto nos permite ejecutar el comando php desde consola desde cualquier carpeta que nos encontremos.

Composer Setup

Proxy Settings

Choose if you need to use a proxy.

☐ Use a proxy server to connect to internet

Enter proxy url

Back Next Cancel

Composer Setup

Ready to Install

Setup is now ready to download Composer and install it on your computer.

Please review these settings. Click Install to continue with the installation.

PHP version 7.4.33
C:\wamp64\bin\php\php7.4.33\php.exe

Proxy: none

Add to System path:
C:\wamp64\bin\php\php7.4.33

Back Install Cancel

Information

Please read the following information before continuing.



Important

You must open a new command window to use Composer for the first time, because your environment has changed and running programs may not be aware of this.

If this does not work, you will have to do one of the following:

- Close all File Explorer windows, then open a new command window. OR
- Logoff and Logon again, then open a new command window.

As a last resort, you may need to restart your computer.

Next



Completing Composer Setup

Setup has installed Composer on your computer.
Usage: Open a command window and type "composer"

Click Finish to exit Setup.

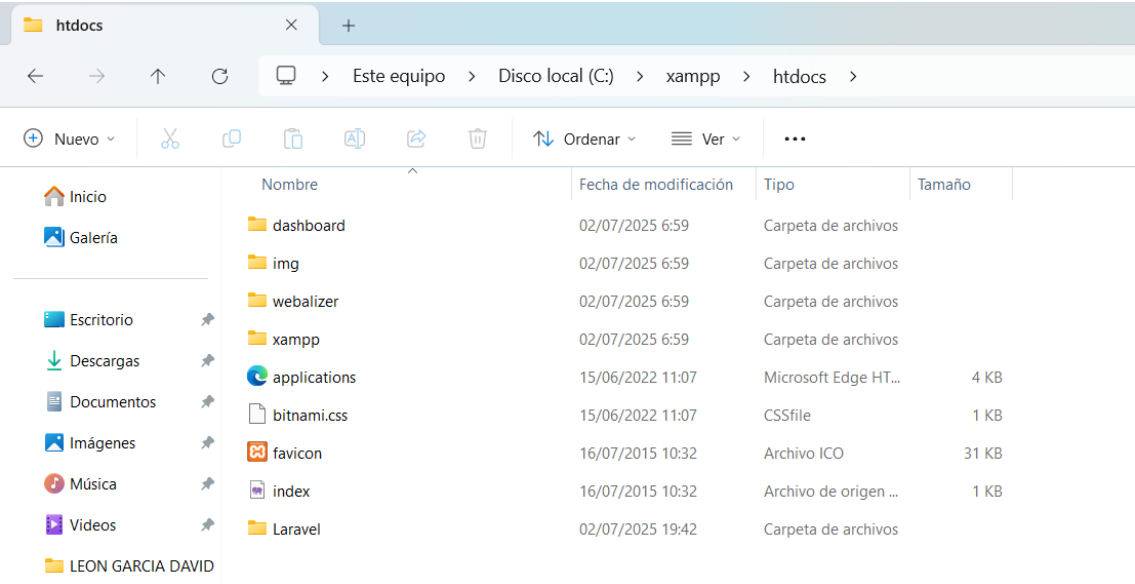
☐ View online documentation

Back

Finish

PASO 4.

Creación de la carpeta en escritorio llamado Laravel, una vez que abramos la carpeta Laravel, hacemos click derecho y buscamos la opción abrir terminal, en el cual dentro del terminal escribiremos el siguiente comando ***“composer create laravel/laravel proyecto”***



```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

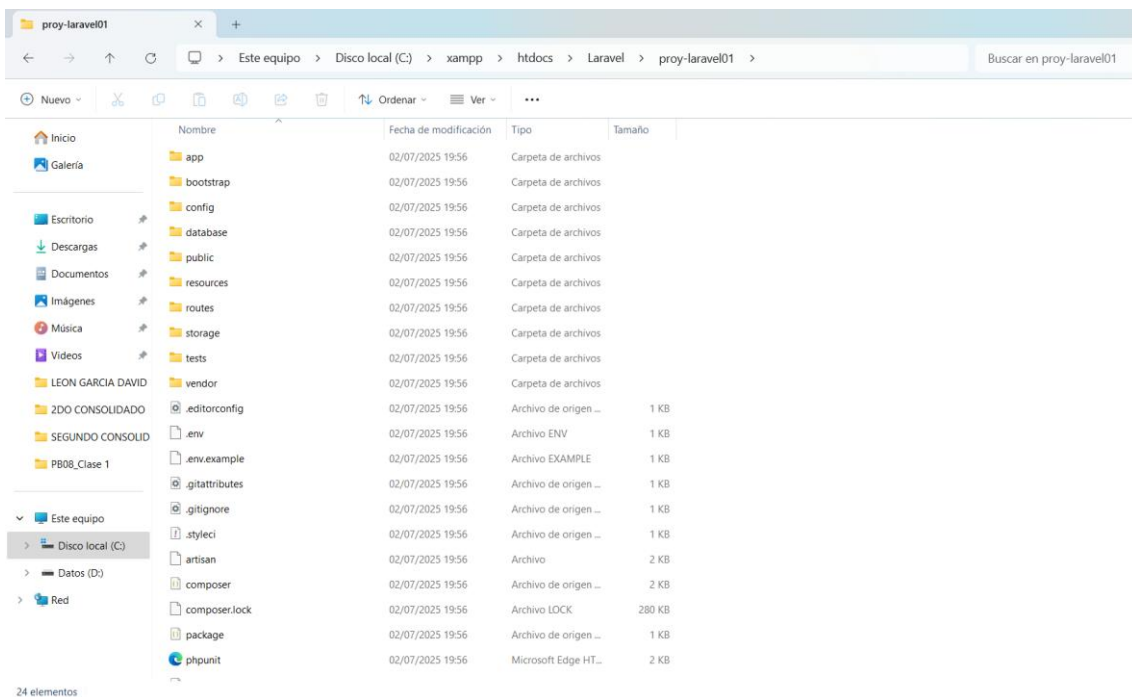
PS C:\xampp\htdocs\Laravel>
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

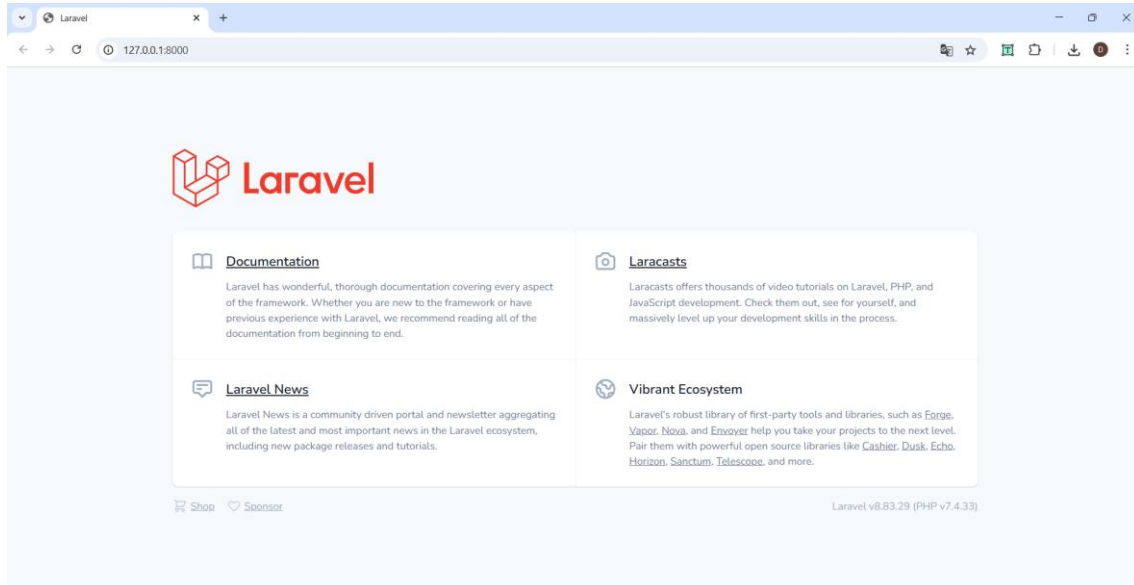
Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\xampp\htdocs\Laravel> composer create-project laravel/laravel proy-laravel01|
```

```
Windows PowerShell
- Installing phpunit/php-timer (5.0.3): Extracting archive
- Installing phpunit/php-text-template (2.0.4): Extracting archive
- Installing phpunit/php-invoker (3.1.1): Extracting archive
- Installing phpunit/php-file-iterator (3.0.6): Extracting archive
- Installing theseer/tokenizer (1.2.3): Extracting archive
- Installing sebastian/lines-of-code (1.0.4): Extracting archive
- Installing sebastian/complexity (2.0.3): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (2.0.3): Extracting archive
- Installing phpunit/php-code-coverage (9.2.32): Extracting archive
- Installing phar-io/version (3.2.1): Extracting archive
- Installing phar-io/manifest (2.0.4): Extracting archive
- Installing myclabs/deep-copy (1.13.1): Extracting archive
- Installing doctrine/instantiator (1.5.0): Extracting archive
- Installing phpunit/phpunit (9.6.23): Extracting archive
68 package suggestions were added by new dependencies, use 'composer suggest' to see details
Package fruitcake/laravel-cors is abandoned, you should avoid using it. No replacement was suggested.
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/sail
Discovered Package: laravel/sanctum
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
78 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
No publishable resources for tag [laravel-assets].
Publishing complete.
Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
> @php artisan key:generate --ansi
Application key set successfully.
PS C:\xampp\htdocs\Laravel>
```



```
PS C:\xampp\htdocs\Laravel> cd proy-laravel01
PS C:\xampp\htdocs\Laravel\proy-laravel01> php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Wed Jul 2 20:16:11 2025] PHP 7.4.33 Development Server (http://127.0.0.1:8000) started
```



```
PS C:\xampp\htdocs\Laravel> cd proy-laravel01
PS C:\xampp\htdocs\Laravel\proy-laravel01> php artisan serve
Starting Laravel development server: http://127.0.0.1:8000
[Wed Jul 2 20:16:11 2025] PHP 7.4.33 Development Server (http://127.0.0.1:8000) started
[Wed Jul 2 20:17:09 2025] 127.0.0.1:63966 Accepted
[Wed Jul 2 20:17:09 2025] 127.0.0.1:63966 Closing
[Wed Jul 2 20:17:09 2025] 127.0.0.1:63967 Accepted
[Wed Jul 2 20:17:09 2025] 127.0.0.1:63967 [200]: GET /favicon.ico
[Wed Jul 2 20:17:09 2025] 127.0.0.1:63967 Closing
```



```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

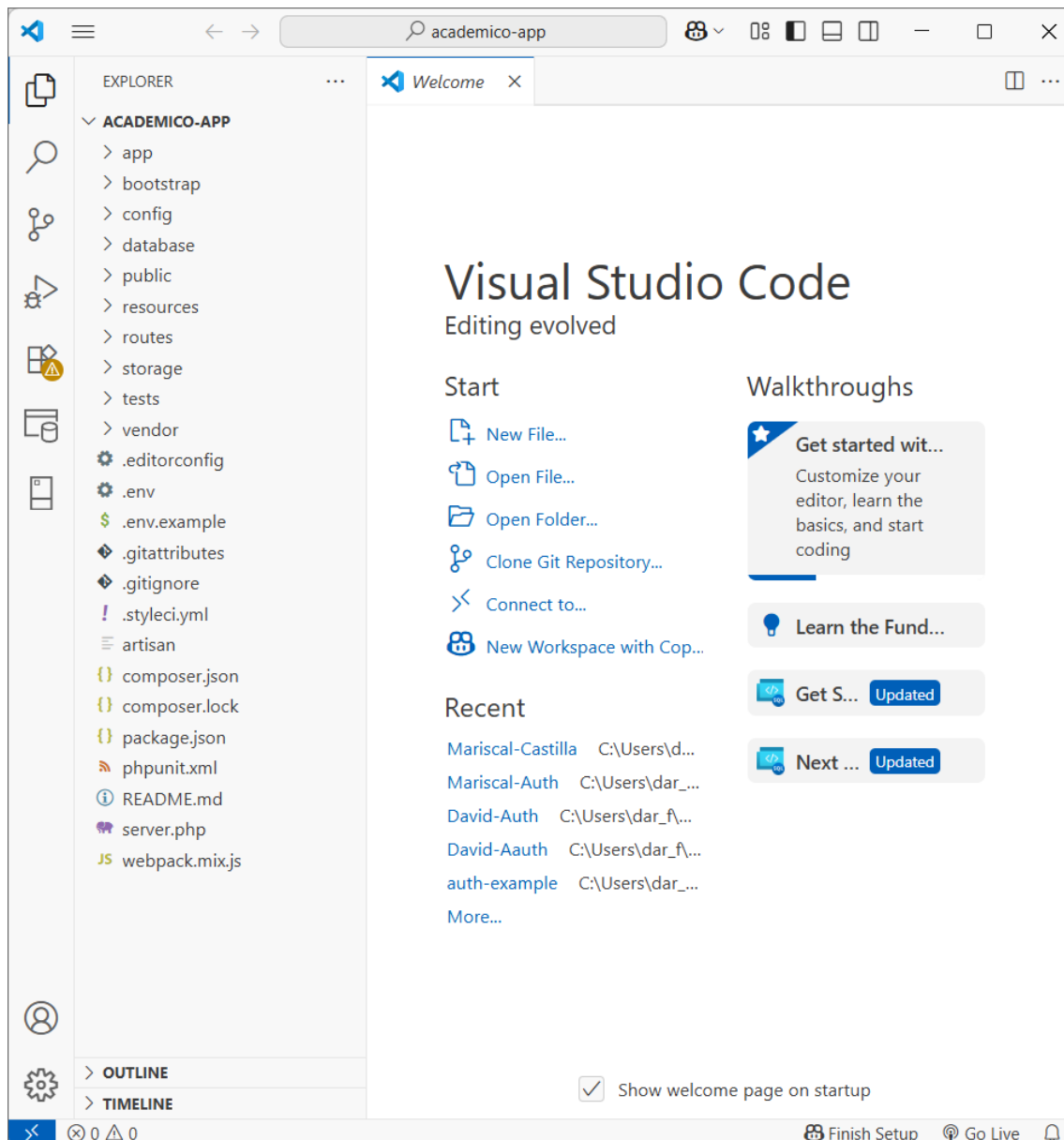
Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

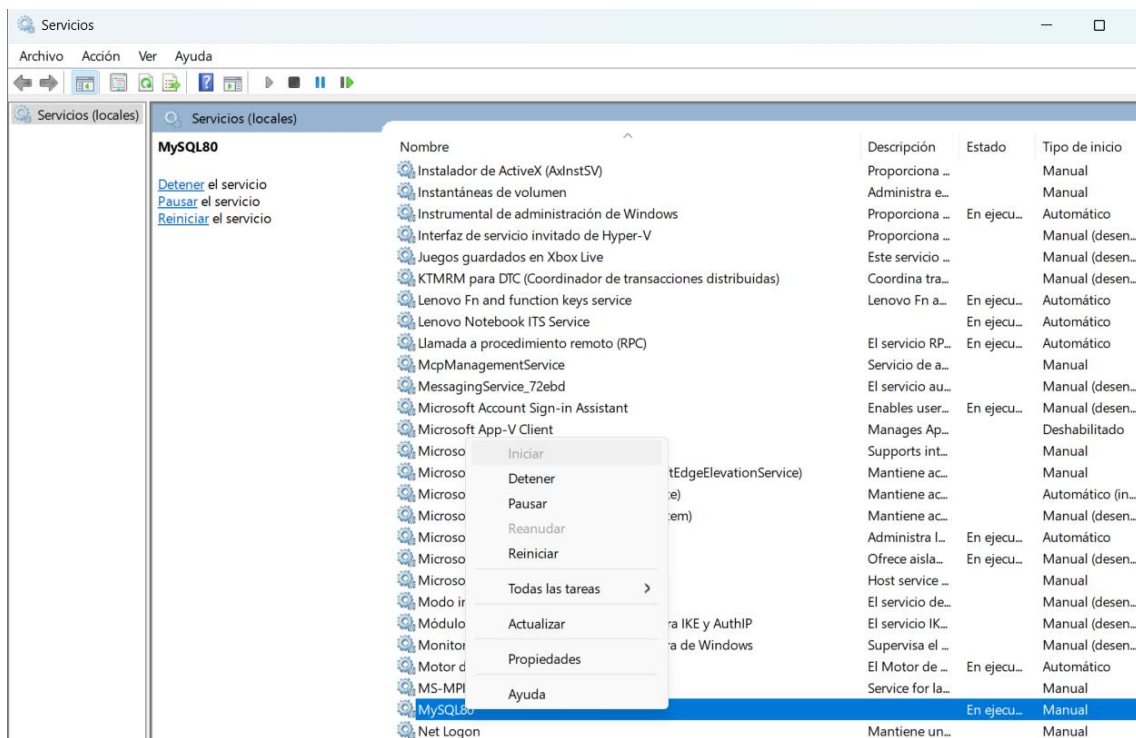
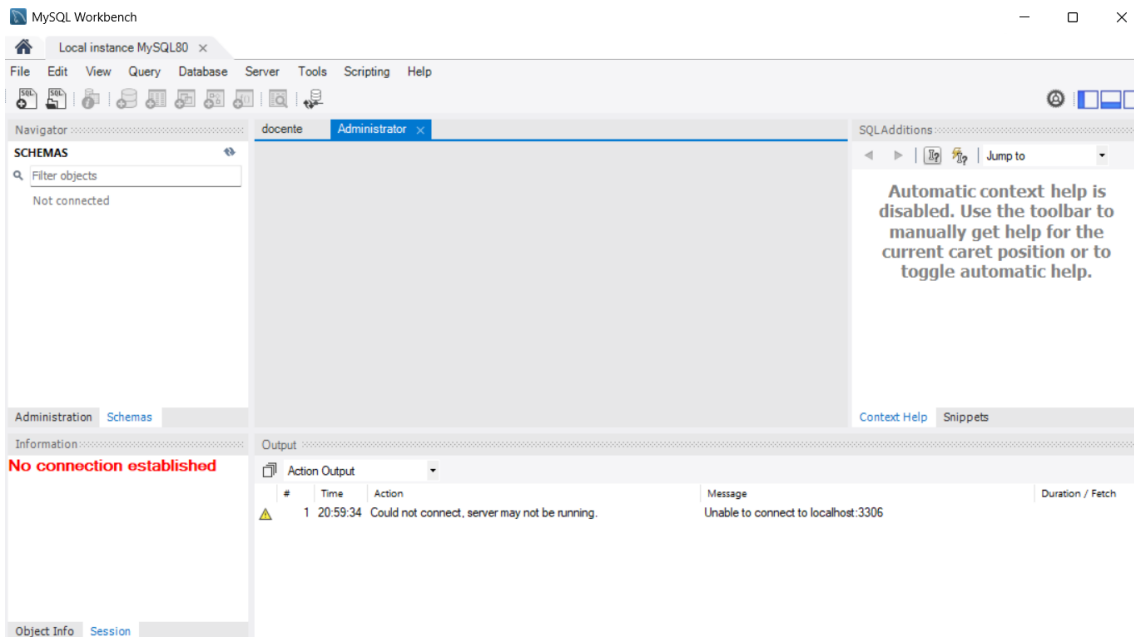
PS C:\xampp\htdocs\Laravel> composer global require "laravel/installer"
```

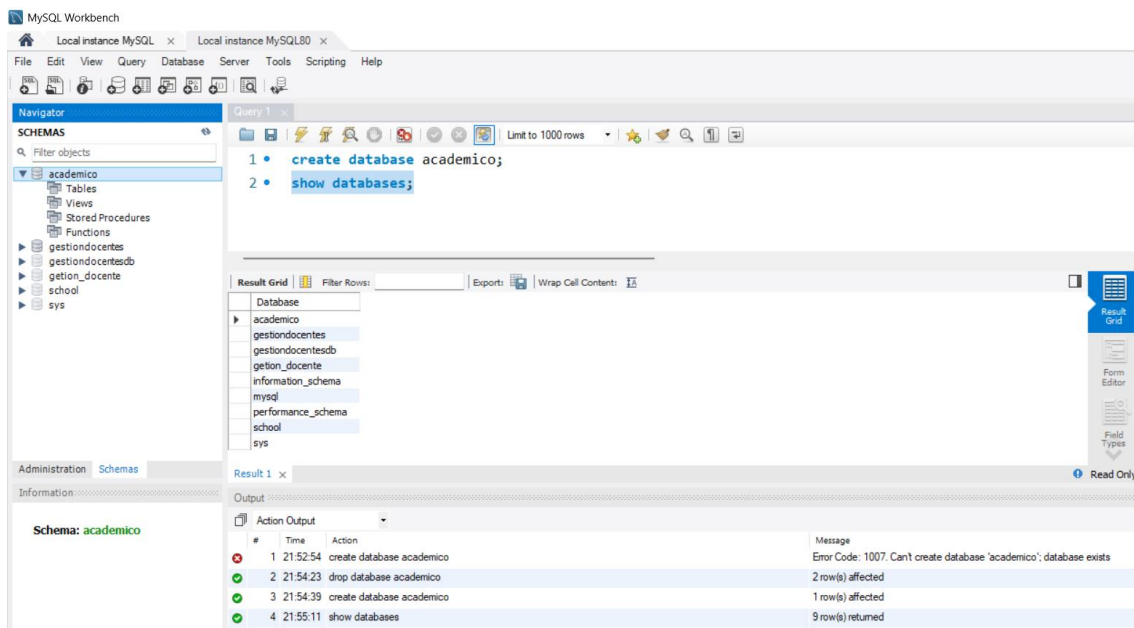
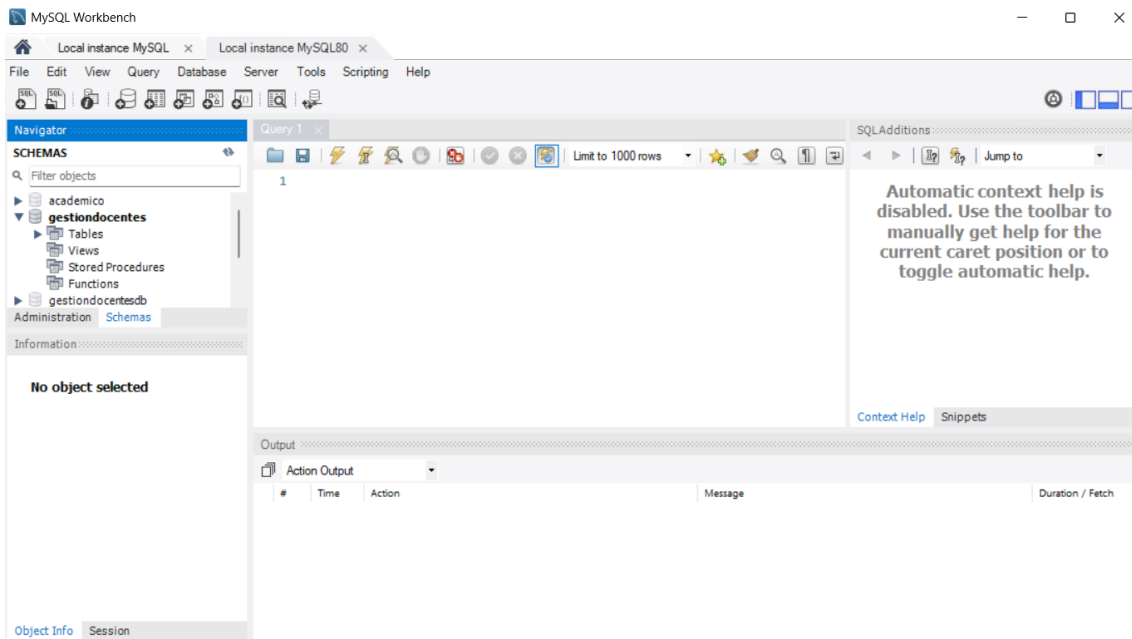
```
PS C:\xampp\htdocs\Laravel> composer global require "laravel/installer"
Changed current directory to C:/Users/dar_f/AppData/Roaming/Composer
Cannot use laravel/installer's latest version v5.16.0 as it requires php ^8.2 which is not satisfied by your platform.
./composer.json has been created
Running composer update laravel/installer
Loading composer repositories with package information
Updating dependencies
Lock file operations: 13 installs, 0 updates, 0 removals
- Locking laravel/installer (v4.5.1)
- Locking psr/container (1.1.2)
- Locking symfony/console (v5.4.47)
- Locking symfony/deprecation-contracts (v2.5.4)
- Locking symfony/polyfill-ctype (v1.32.0)
- Locking symfony/polyfill-intl-grapheme (v1.32.0)
- Locking symfony/polyfill-intl-normalizer (v1.32.0)
- Locking symfony/polyfill-mbstring (v1.32.0)
- Locking symfony/polyfill-php73 (v1.32.0)
- Locking symfony/polyfill-php80 (v1.32.0)
- Locking symfony/process (v5.4.47)
- Locking symfony/service-contracts (v2.5.4)
- Locking symfony/string (v5.4.47)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 13 installs, 0 updates, 0 removals
- Downloading laravel/installer (v4.5.1)
- Installing symfony/polyfill-php80 (v1.32.0): Extracting archive
- Installing symfony/process (v5.4.47): Extracting archive
- Installing symfony/polyfill-mbstring (v1.32.0): Extracting archive
- Installing symfony/polyfill-intl-normalizer (v1.32.0): Extracting archiv
```

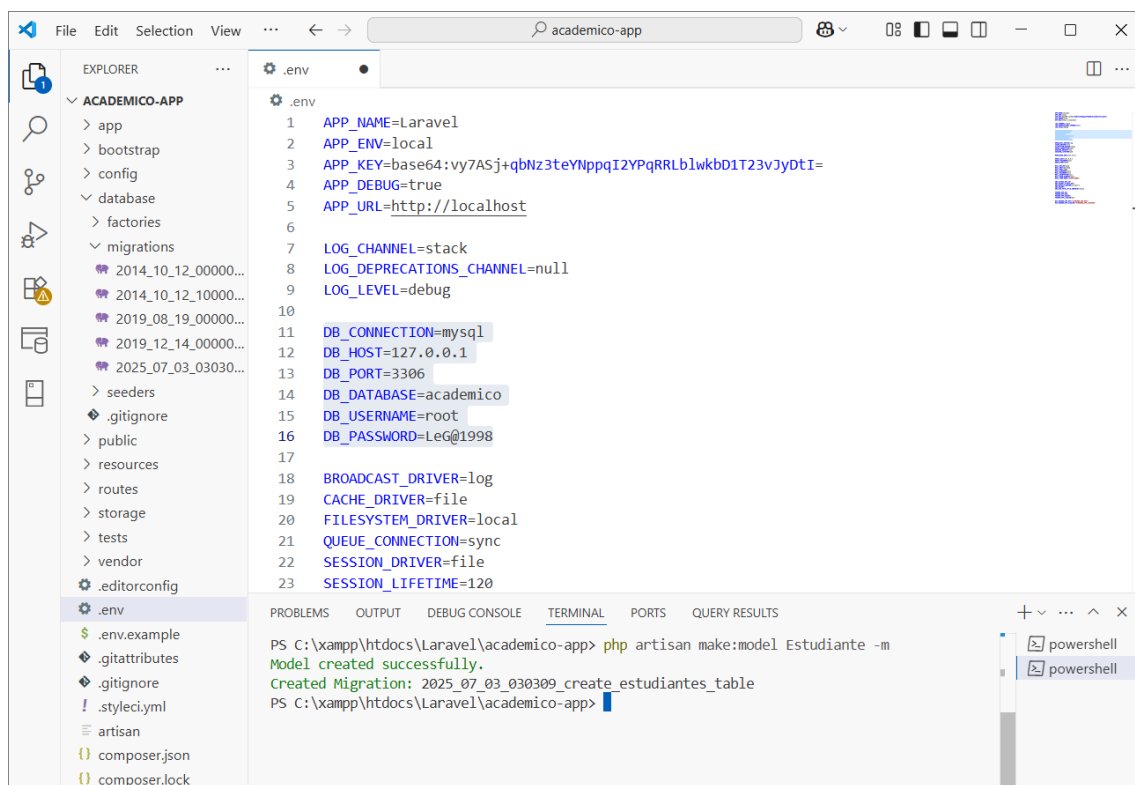
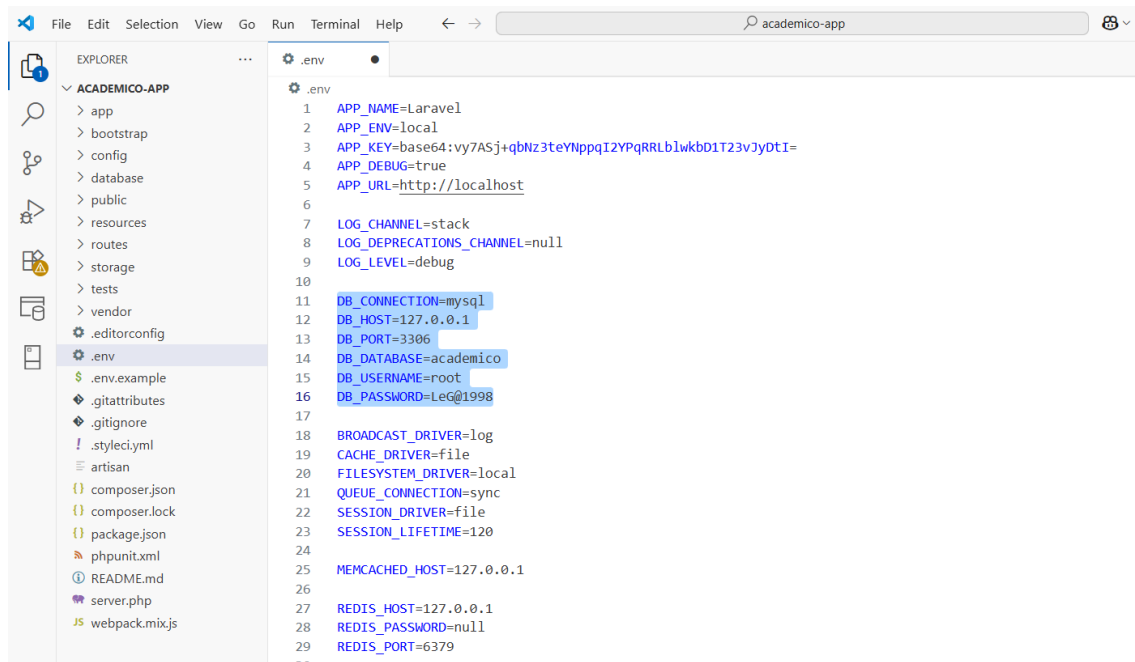
```
Windows PowerShell
0/97 [>-----] 0%
10/97 [==>-----] 10%
20/97 [====>-----] 20%
30/97 [=====>-----] 30%
40/97 [======>-----] 41%
50/97 [======>-----] 51%
60/97 [======>-----] 61%
70/97 [======>-----] 72%
80/97 [======>-----] 82%
90/97 [======>-----] 92%
97/97 [=====] 100%
68 package suggestions were added by new dependencies, use `composer suggest` to see details.
Package fruitcake/laravel-cors is abandoned, you should avoid using it. No replacement was suggested.
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.
Generating optimized autoload files
> Illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/sail
Discovered Package: laravel/sanctum
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
78 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
No publishable resources for tag [laravel-assets].
Publishing complete.
Found 1 security vulnerability advisory affecting 1 package.
Run "composer audit" for a full list of advisories.
> @php artisan key:generate --ansi
Application key set successfully.
INFO Application ready! Build something amazing.

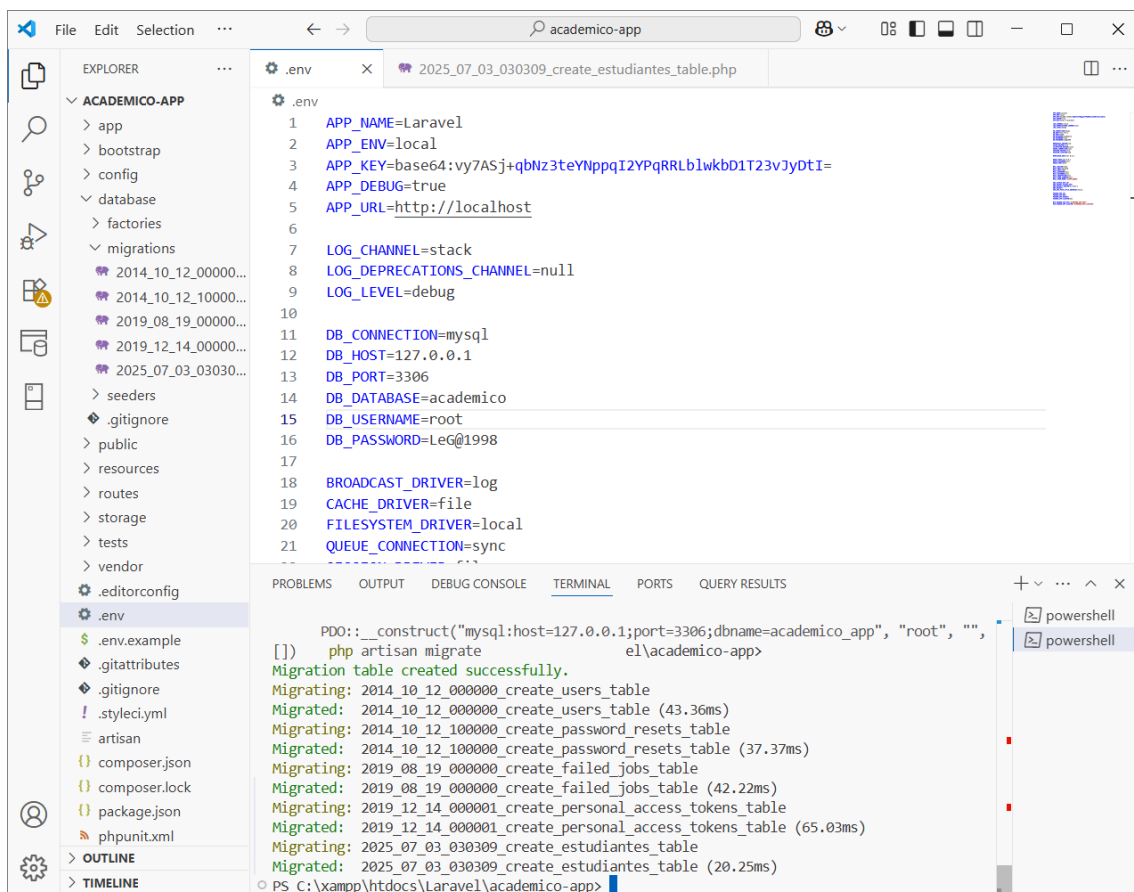
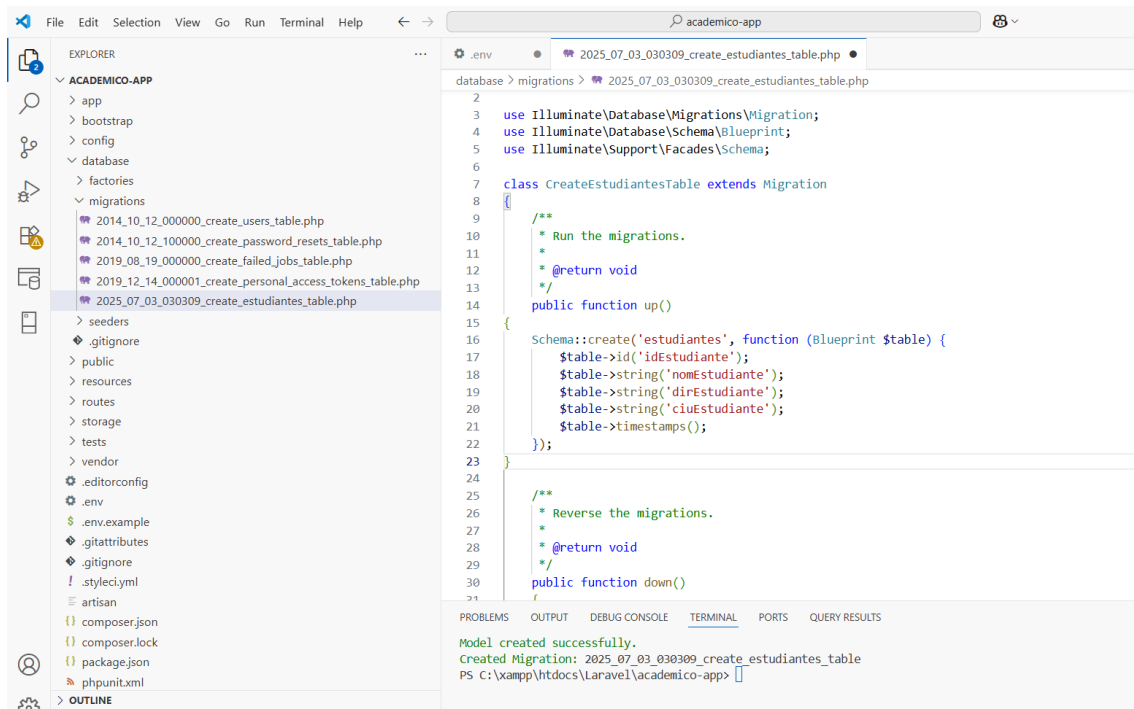
PS C:\xampp\htdocs\Laravel> cd academico-app
PS C:\xampp\htdocs\Laravel\academico-app>
```

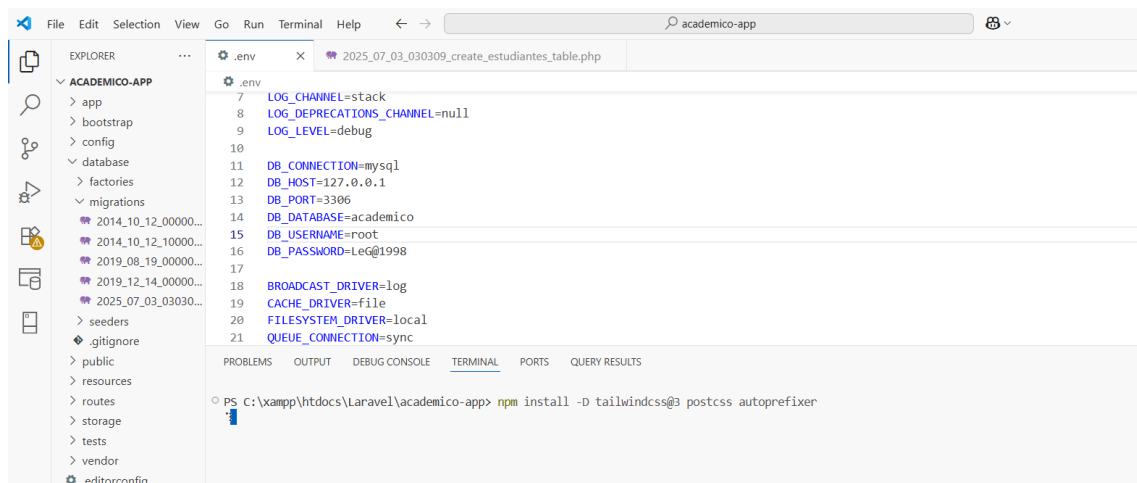
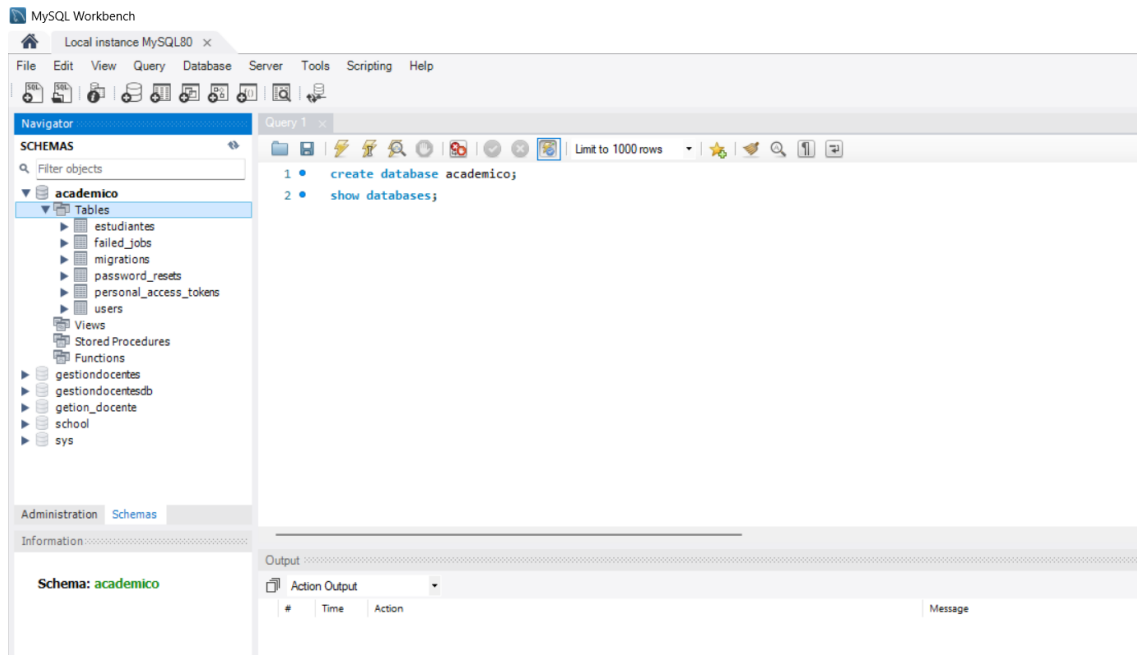


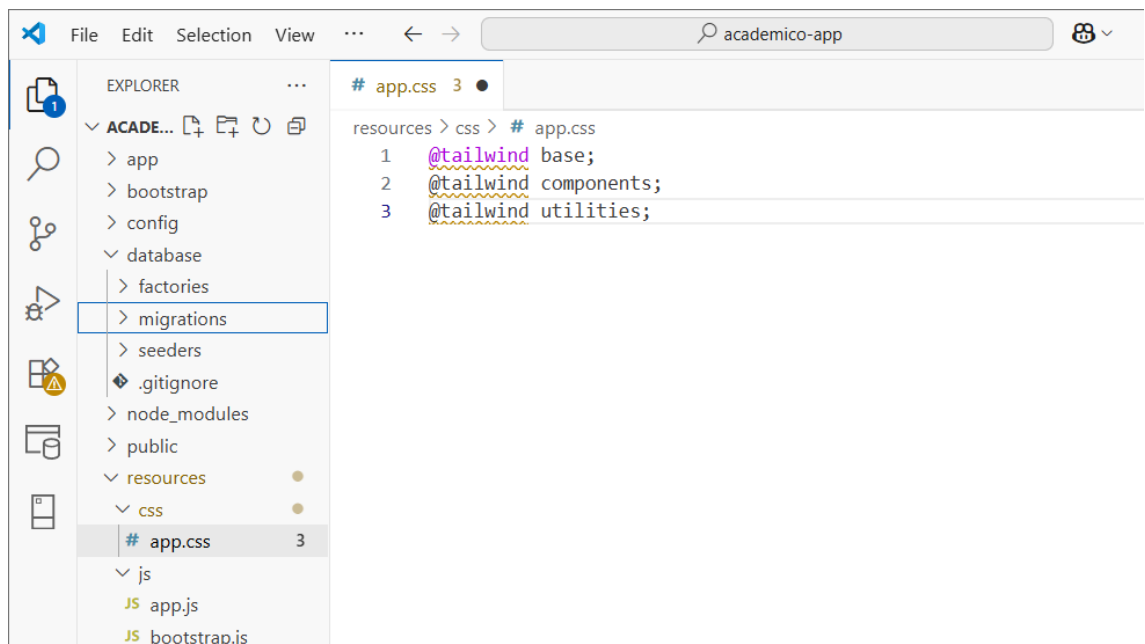
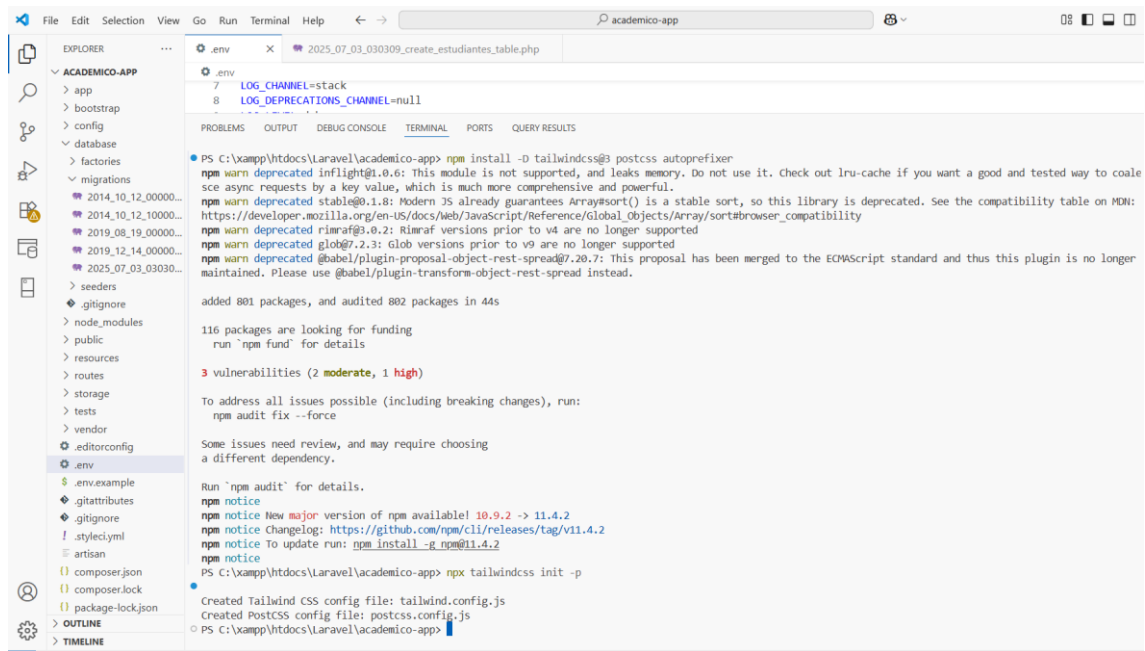


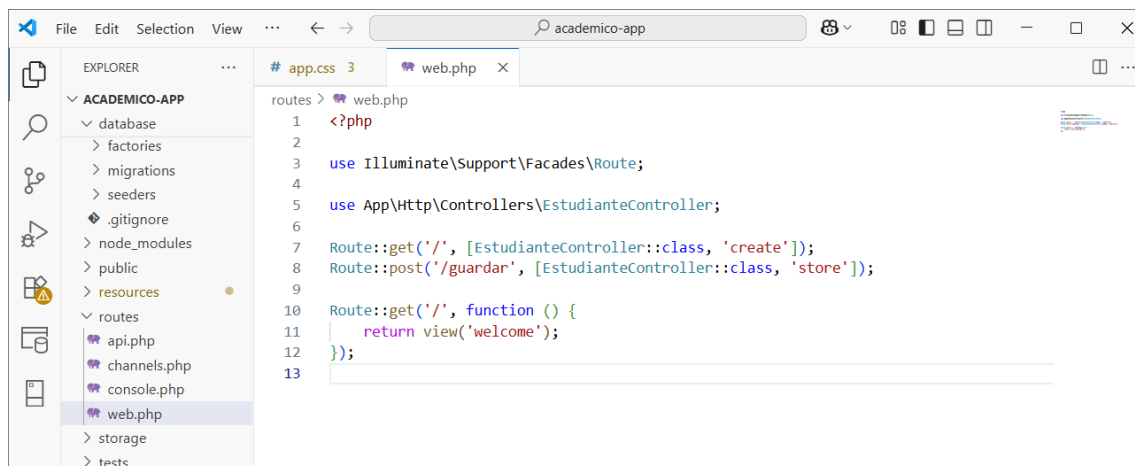
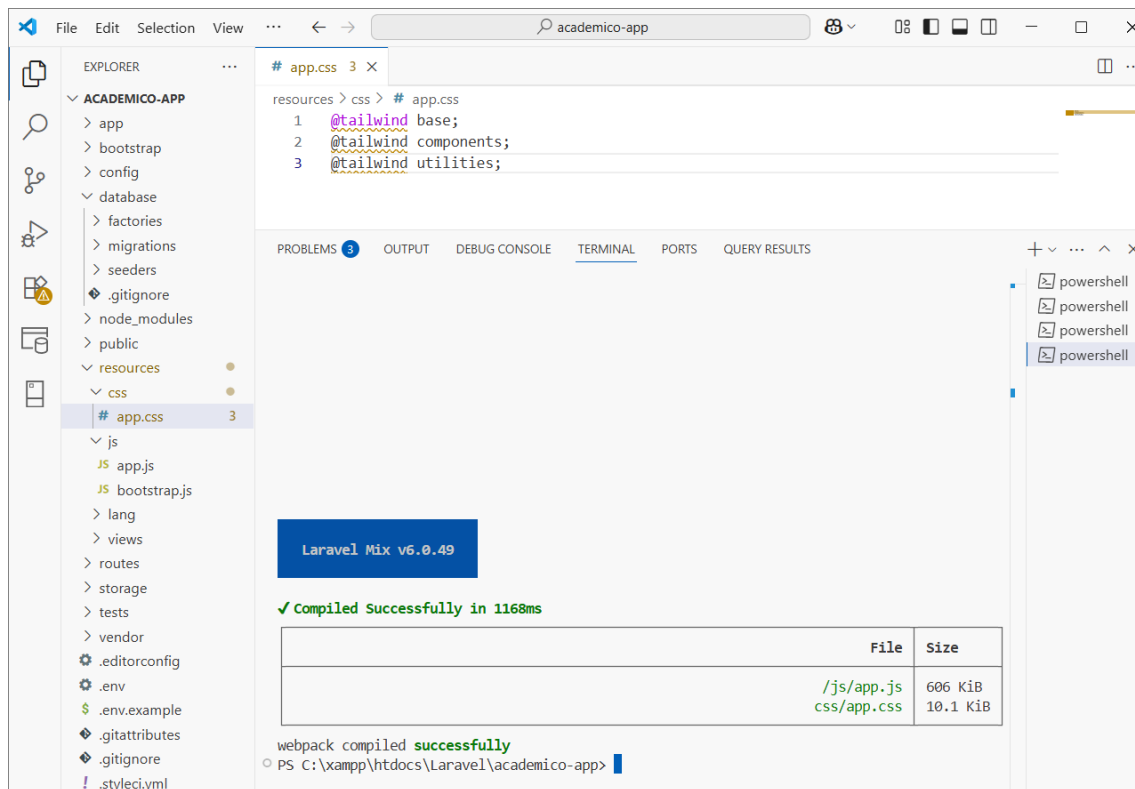


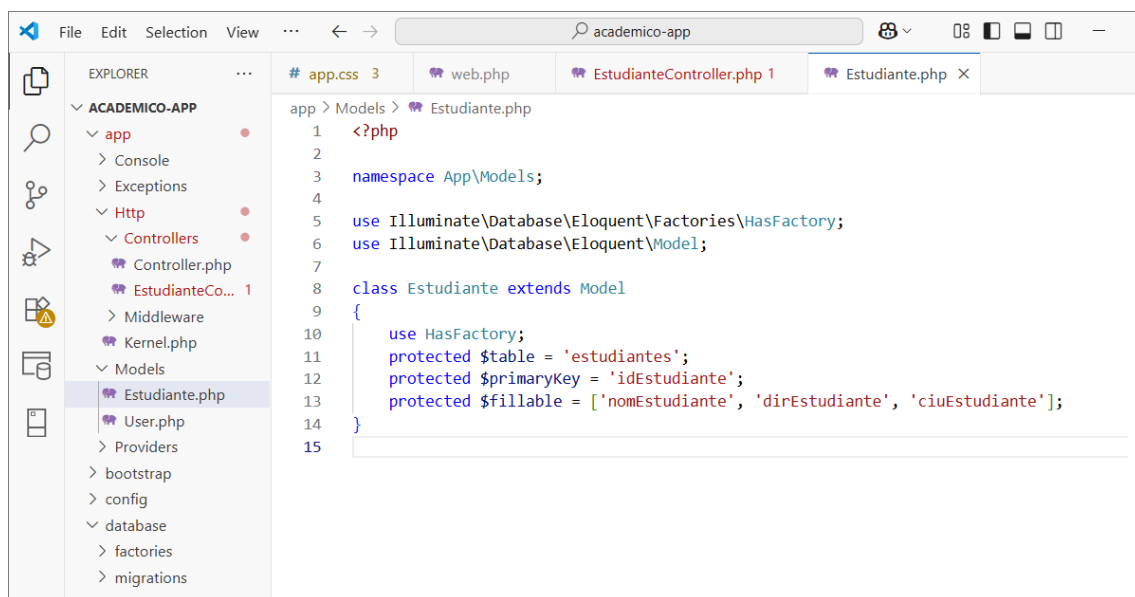
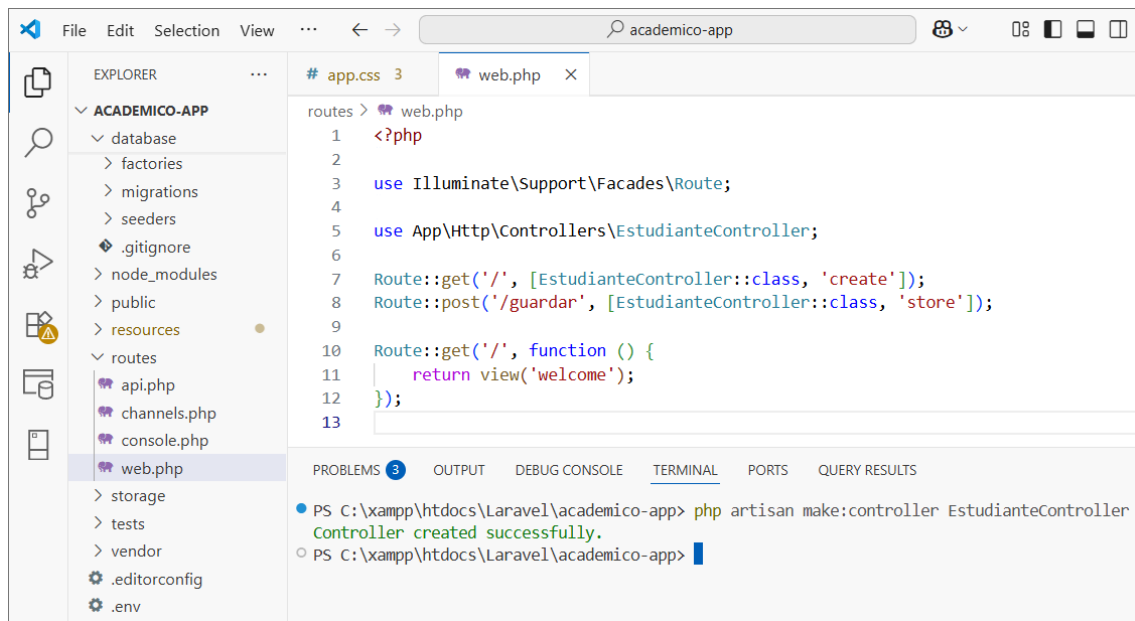


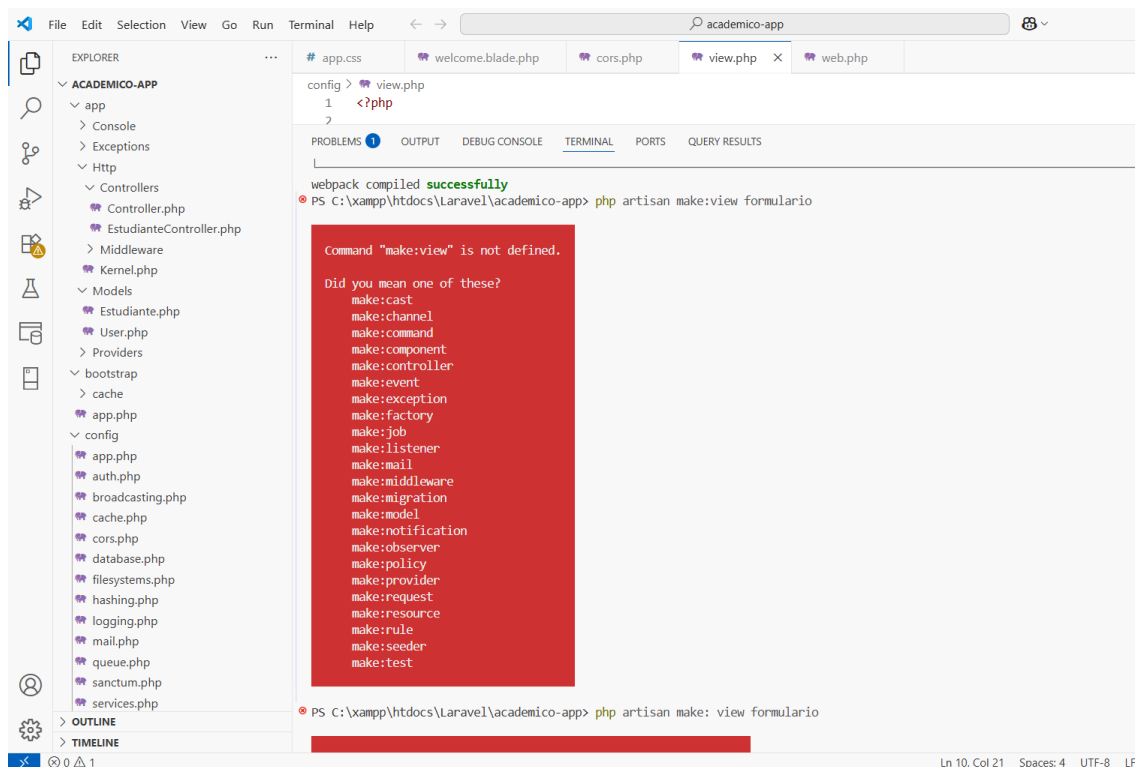












Gracias por avisar. Si no tienes el archivo `vite.config.js` , es posible que:

- Estés usando una versión de Laravel anterior a la 9 que aún usaba **Laravel Mix** (`webpack.mix.js`).
- O el proyecto fue creado sin la configuración de Vite.

✅ ¿Cómo saber si tu Laravel usa Vite o Mix?

🔍 **PASO 1:** Verifica si tienes alguno de estos archivos en la raíz del proyecto

- `vite.config.js` → usa **Vite**
- `webpack.mix.js` → usa **Laravel Mix**

File Edit Selection ...

academico-app

app.css 3 JS webpack.mix.js X {} composer.json 1 welcome.blade.php cors.f

EXPLORER

ACADEMICO-APP

resources

js

lang

views

welcome.blade.php

routes

storage

app

framework

logs

tests

vendor

.editorconfig

.env

.env.example

.gitattributes

.gitignore

.styleci.yml

artisan

composer.json

composer.lock

package-lock.json

package.json

phpunit.xml

postcss.config.js

README.md

server.php

tailwind.config.js

webpack.mix.js

OUTLINE

TIMELINE

JS webpack.mix.js > ...

1 const mix = require('laravel-mix');

2 //require('laravel-mix-postcss-config'); // solo si usas el plugin, opcion

3

4 mix.js('resources/js/app.js', 'public/js')

5 .postCss('resources/css/app.css', 'public/css', [

6 require('tailwindcss'),

7 require('autoprefixer'),

8]);

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

Laravel Mix v6.0.49

✓ Compiled Successfully in 937ms

File	Size
/js/app.js	606 KiB
css/app.css	14.6 KiB

webpack compiled successfully

PS C:\xampp\htdocs\Laravel\academico-app>

Ln 2, Col 3 Spaces: 4 UTF-8 LF {} JavaScript Finish Setup Go Live

File Edit Selection ... academico-app

EXPLORER

- ACADEMICO-APP
 - app
 - Console
 - Exceptions
 - Http
 - Models
 - Providers
 - bootstrap
 - config
 - database
 - node_modules
 - public
 - resources
 - css
 - # app.css
 - js
 - lang
 - views
 - welcome.blade.php
 - routes
 - storage
 - app
 - framework
 - logs
 - tests
 - vendor
 - .editorconfig
 - .env
 - .env.example
 - .gitattributes
 - .gitignore
 - OUTLINE
 - TIMELINE

resources > css > # app.css

```
1 Open chat (Ctrl+I), or select a language (Ctrl+K M), or fill with tem
to get started.
Start typing to dismiss or don't show this again.
```

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

> mix

X Mix
Compiled with some errors in 406.93ms

ERROR in /js/app
Module **not found: Error:** Can't resolve 'C:\xampp\htdocs\Laravel\academico-app\resources\css\app.css' in 'C:\xampp\htdocs\Laravel\academico-app'
Did you miss the leading dot in 'resolve.extensions'? Did you mean '[".*", ".wasm", ".mjs", ".js", ".jsx", ".json"]' instead of '["*", ".wasm", ".mjs", ".js", ".jsx", ".json"]'?

webpack compiled with **1 error**

PS C:\xampp\htdocs\Laravel\academico-app> npm run dev

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} CSS Finish Setup

File Edit Selection ...

academico-app

JS webpack.mix.js # app.css {} composer.json 1 welcome.blade.php

resources > css > # app.css

1 | Open chat (Ctrl+I), or select a language (Ctrl+K M), or fill with template to get started.
Start typing to dismiss or don't show this again.

PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL PORTS QUERY RESULTS

Laravel Mix v6.0.49

✓ Compiled Successfully in 819ms

File	Size
/js/app.js	606 KiB
css/app.css	1 bytes

webpack compiled successfully

PS C:\xampp\htdocs\Laravel\academico-app>

Ln 1, Col 1 Spaces: 4 UTF-8 CRLF {} CSS Finish Setup Go L

EXPLORER

ACADEMICO-APP

> config

> database

> node_modules

> public

> resources

> css

app.css

> js

> lang

> views

welcome.blade.php

> routes

> storage

> app

> framework

> logs

> tests

> vendor

.editorconfig

.env

.env.example

.gitattributes

.gitignore

.styleci.yml

artisan

composer.json 1

composer.lock

package-lock.json

package.json

phpunit.xml

OUTLINE

TIMELINE