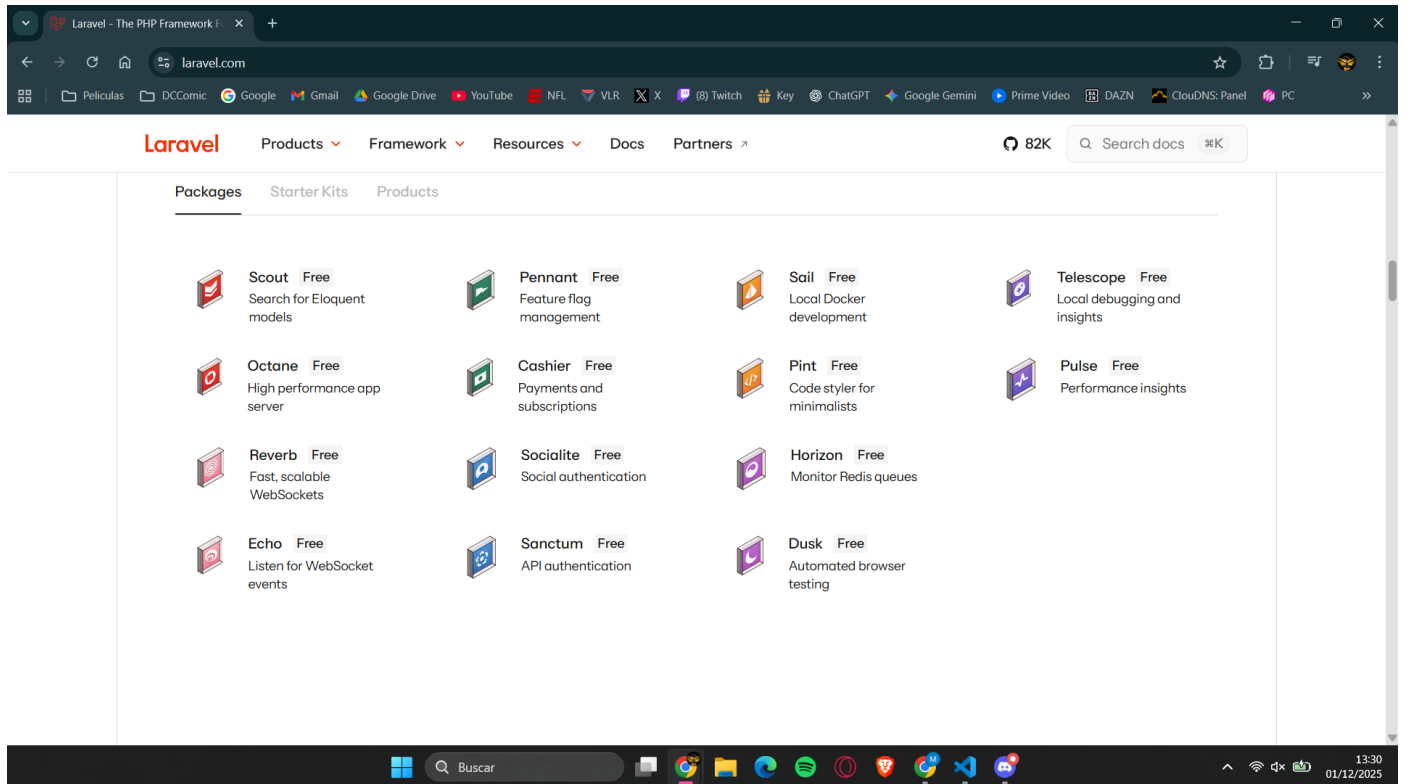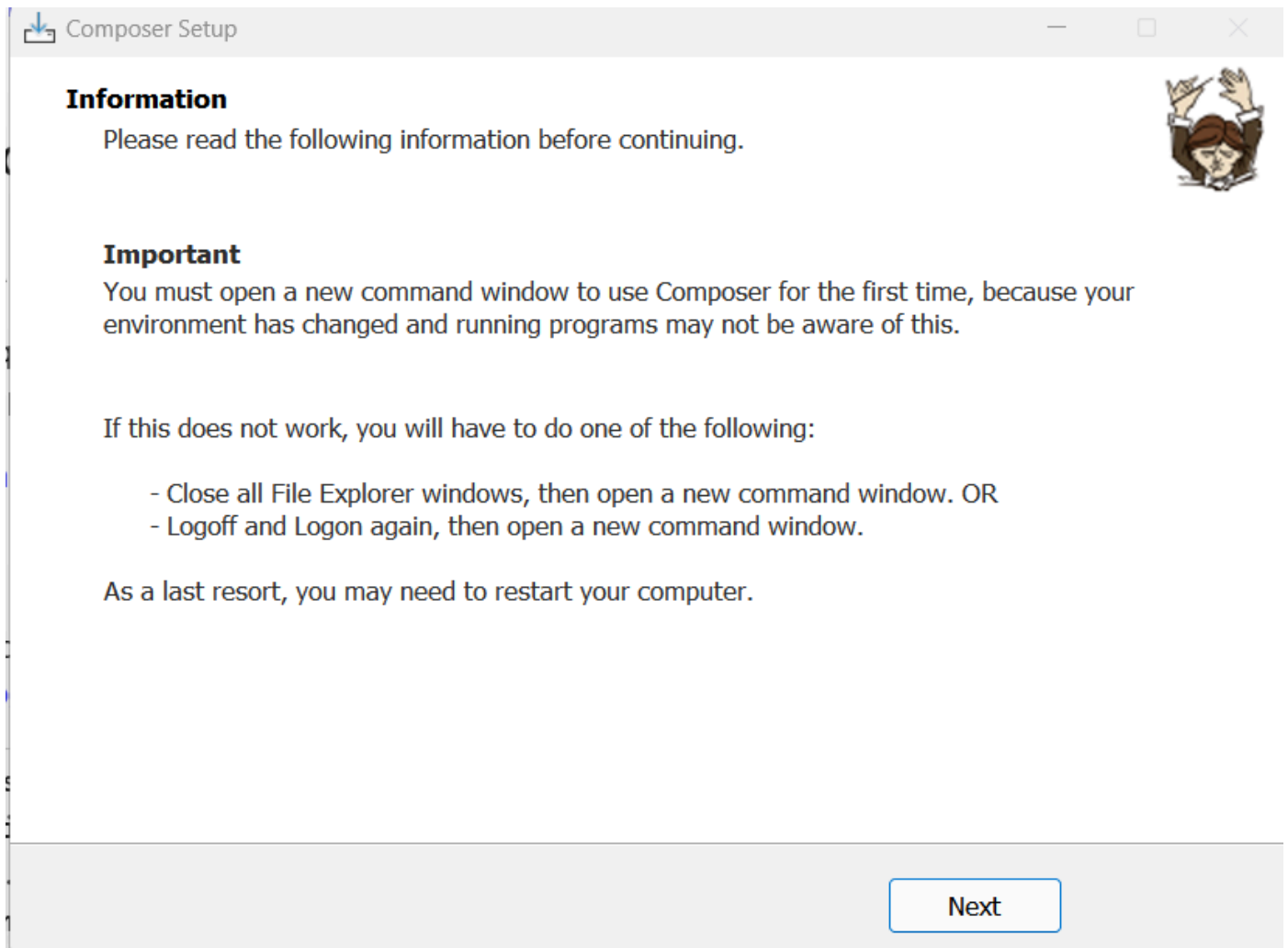# Laravel



## Video

Lo primero que hacemos es entrar en la pagina web de LARAVEL

Ahora nos descargamos Composer

```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6> composer create-proeject laravel/laravel HelloLaravel1
```

```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\HellowLaravel1> composer global require laravel/installer
  Installing symfony/console (v7.4.0): Extracting archive
```

Tambien tenemos que descargarnos el global
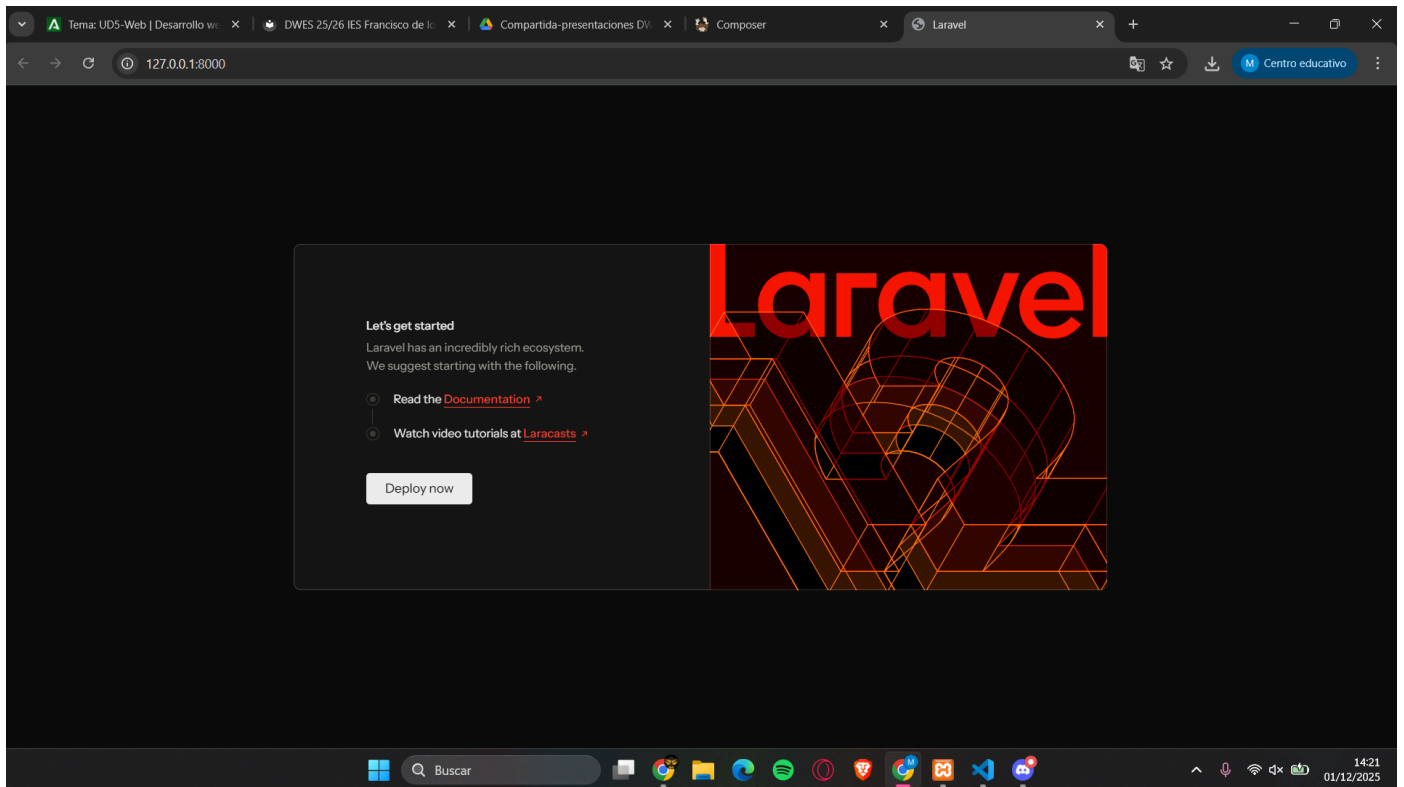
Despues de ejecutar el comando se nos creara una carpeta con esta estructura
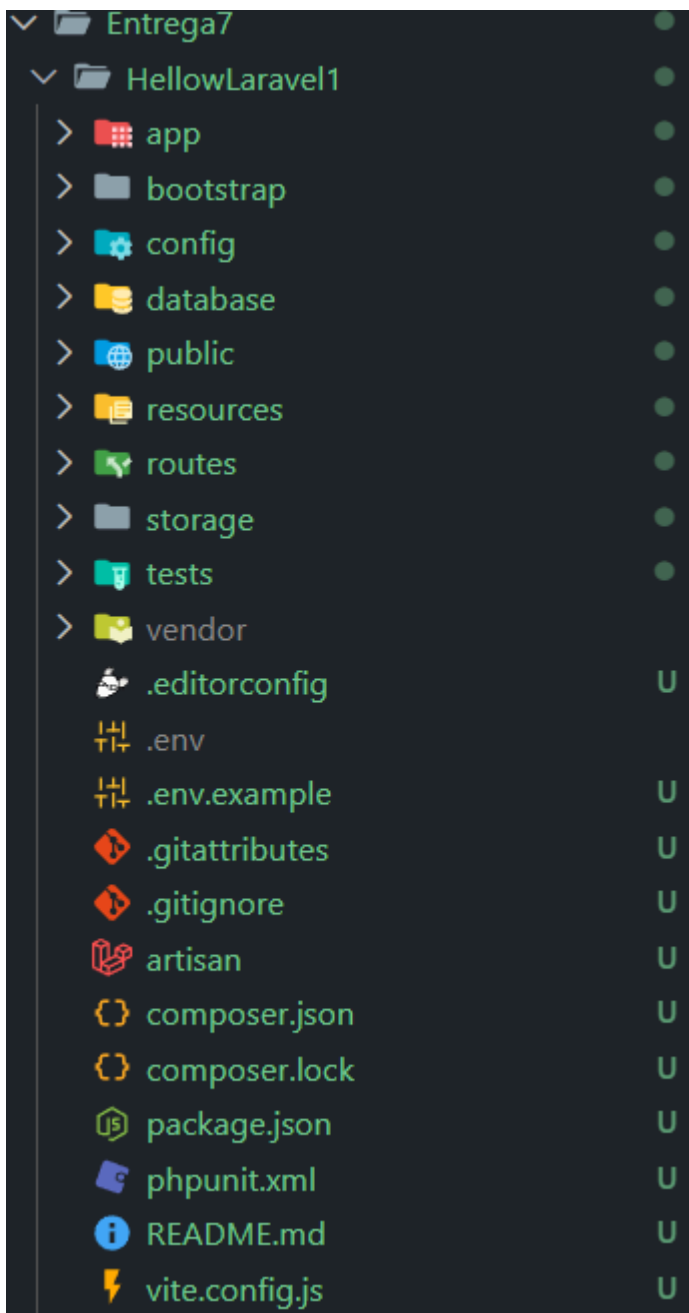
Fundamentos sobre MVC ([Video](#))

```
● PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6> cd .\Entrega7\HellowLaravel1\
○ PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\HellowLaravel1> php artisan serve

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

   Press Ctrl+C to stop the server
```

Como podemos ver ya estamos en el navegador



```
- Installing symfony/clock (v7.4.0): Extracting archive ...
○ PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7> laravel new HelloLaravel2
```

```
  _
 | |                               | |
 | |     __ _ _ __ __ ___   _____  | |
 | |    / _` | '__/ _` \ \ / / _ \ | |
 | |___| (_| | | | (_| |\ V /  __/ | |
 |_____,_|_|  \__,_| \_/ \___| |_|
```
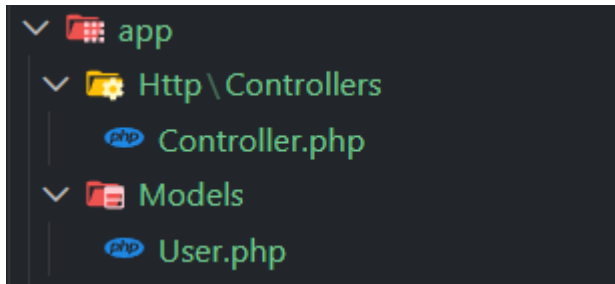
```
  Which starter kit would you like to install? [None]:
  [none    ] None
  [react   ] React
  [vue     ] Vue
  [livewire] Livewire
 > none


  Which testing framework do you prefer? [Pest]:
  [0] Pest
  [1] PHPUnit
 > 1


  Do you want to install Laravel Boost to improve AI assisted coding? (yes/no) [yes]:
 > yes
```
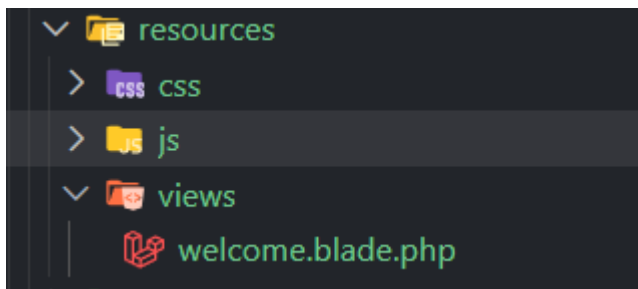
Como podemos ver los archivos que hay en vista acaban en ".blade.php"



Despues dentro de app encontramos http y dentro los controller y despues models que encontramos user

# CRUD Laravel Basico



```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD> composer create-project laravel/laravel clothing_store
  - Installing ramsey/collection (2.1.1): Extracting archive
```

Primero nos descargamos la estructuras de carpetas de laravel

```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store> php artisan make:model ClothingItem -mc

  INFO  Model [C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store\app\Models\ClothingItem.php] created successfully.

  INFO  Migration [C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store\database\migrations\2026_01_12_122345_create_clothing
_items_table.php] created successfully.

  INFO  Controller [C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store\app\Http\Controllers\ClothingItemController.php] cre
ated successfully.
```

```php
<?php

use App\Http\Controllers\ClothingItemController;

//you can define a route for each method instead
Route::resource(name: 'clothing-items', controller: ClothingItemController::class);

```

PROBLEMAS    SALIDA    CONSOLA DE DEPURACIÓN    TERMINAL    PUERTOS

```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store> php artisan route:list
  GET|HEAD    / ..............................................................................
  GET|HEAD    storage/{path} ..................................................... storage.local
  GET|HEAD    up ...........................................................................

                                                                       Showing [3] routes

PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store> php artisan route:list

  GET|HEAD      clothing-items ................................. clothing-items.index › ClothingItemController@index
  POST          clothing-items ................................. clothing-items.store › ClothingItemController@store
  GET|HEAD      clothing-items/create ......................... clothing-items.create › ClothingItemController@create
  GET|HEAD      clothing-items/{clothing_item} ................ clothing-items.show › ClothingItemController@show
  PUT|PATCH     clothing-items/{clothing_item} ............... clothing-items.update › ClothingItemController@update
  DELETE        clothing-items/{clothing_item} .............. clothing-items.destroy › ClothingItemController@destroy
  GET|HEAD      clothing-items/{clothing_item}/edit ......... clothing-items.edit › ClothingItemController@edit
  GET|HEAD      storage/{path} ................................. storage.local
  GET|HEAD      up ...........................................................................

                                                                       Showing [9] routes

PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store>
```

```php
<h1>Clothing Items</h1>

@foreach ($items as $item)
    <p>{{ $item->name }} - {{ $item->price }}</p>
@endforeach
```

PROBLEMAS    SALIDA    CONSOLA DE DEPURACIÓN    TERMINAL    PUERTOS

```
PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store> php artisan make:view clothing-items.index

  INFO  View [C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store\resources\views\clothing-items\index.blade.php] created successfully.

PS C:\xampp\htdocs\DWES\DWES_miguelTorres\UD6\Entrega7\CRUD\clothing_store>
```

# Protección CSRF

## Introducción

Las falsificaciones de solicitudes entre sitios son un tipo de exploit malicioso mediante el cual se ejecutan comandos no autorizados en nombre de un usuario autenticado. Afortunadamente, Laravel facilita la protección de tu aplicación contra ataques [de falsificación de solicitudes entre sitios](#) (CSRF).