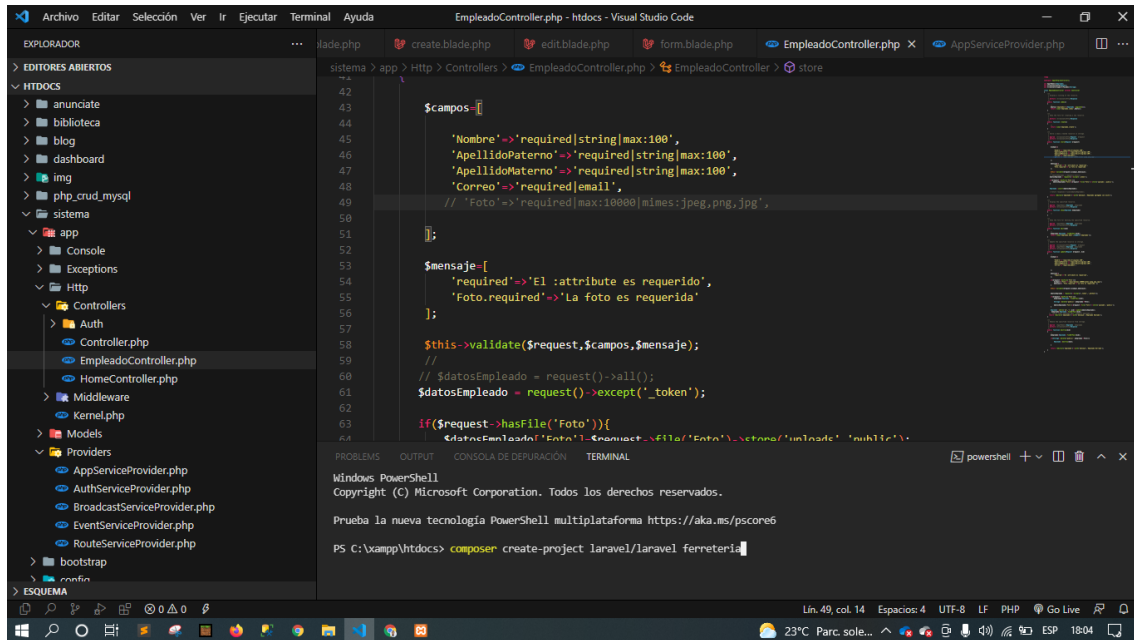


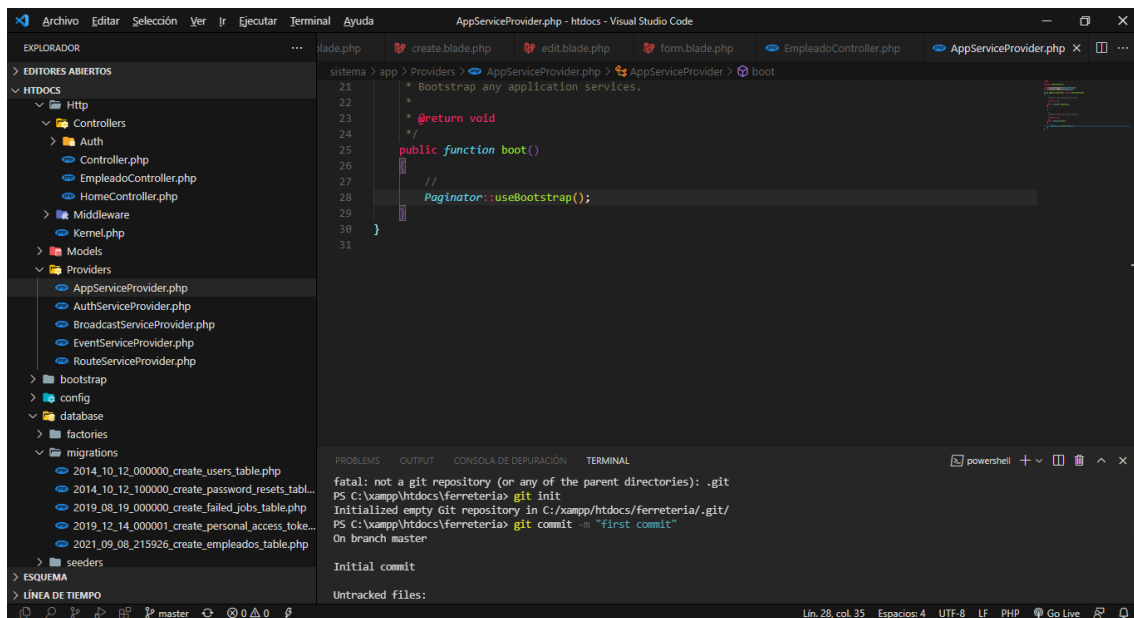
# Segundo Parcial

Juan Emanuel Ramirez Gomez  
4090-12-598

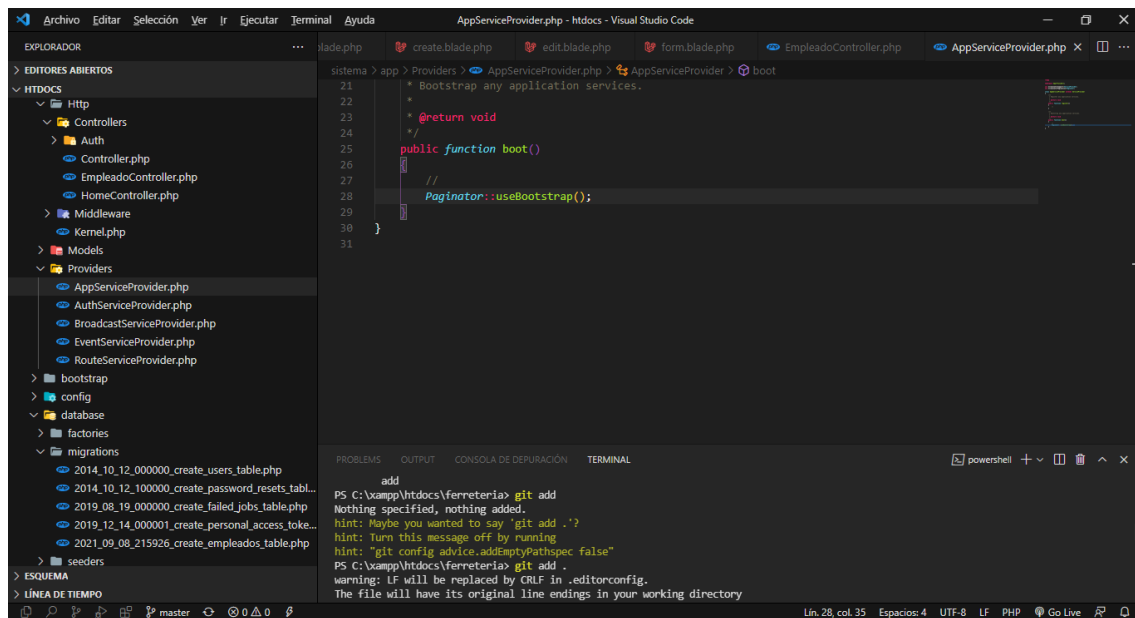
## Creación de proyecto Ferreteria en Visual Code y Laravel



## Creación de repositorio local en git



Añadimos todos los ficheros a nuestro git



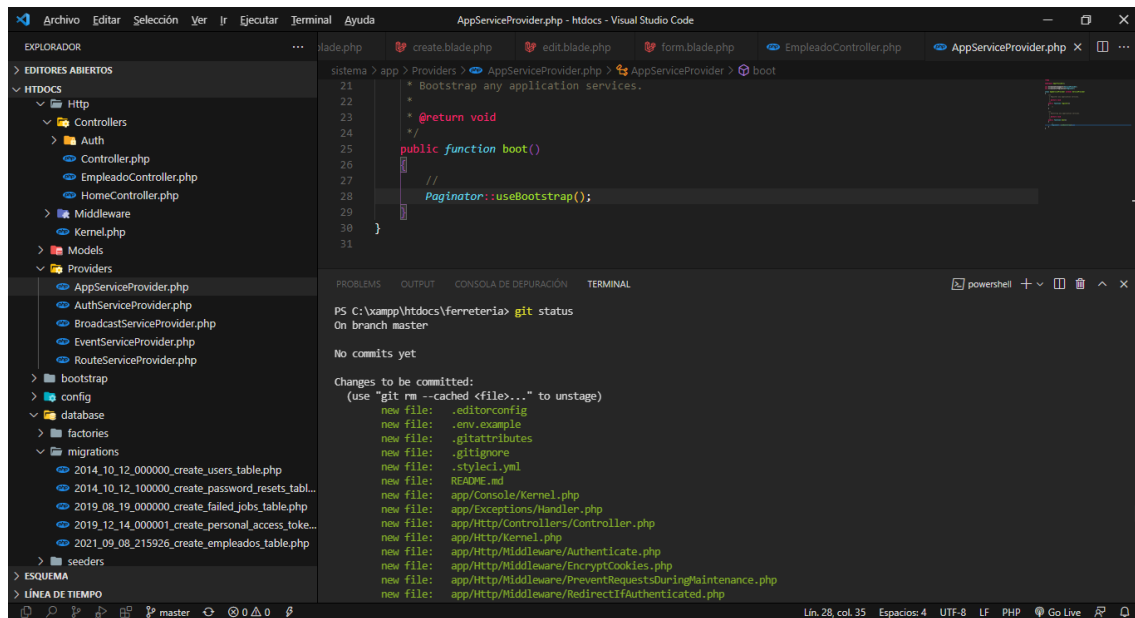
The screenshot shows the Visual Studio Code interface with the `AppServiceProvider.php` file open. The file contains the following code:

```
21 * Bootstrap any application services.
22 *
23 * @return void
24 */
25 public function boot()
26 {
27     //
28     Paginator::useBootstrap();
29 }
30
31
```

The terminal at the bottom shows the output of the `git add` command:

```
PS C:\xampp\htdocs\ferreteria> git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .' ?
hint: Turn this message off by running
hint: "git config advice.addEmptyPaths false"
PS C:\xampp\htdocs\ferreteria> git add .
warning: LF will be replaced by CRLF in .editorconfig.
The file will have its original line endings in your working directory
```

Verificamos que los archivos se agreguen en git



The screenshot shows the Visual Studio Code interface with the `AppServiceProvider.php` file open. The file contains the following code:

```
21 * Bootstrap any application services.
22 *
23 * @return void
24 */
25 public function boot()
26 {
27     //
28     Paginator::useBootstrap();
29 }
30
31
```

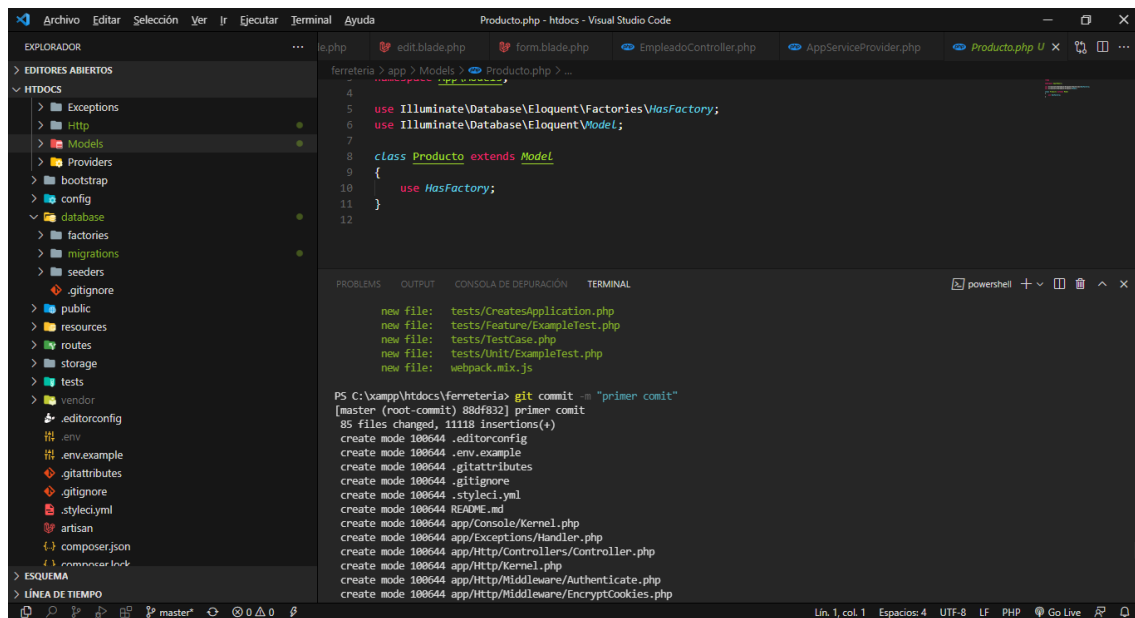
The terminal at the bottom shows the output of the `git status` command:

```
PS C:\xampp\htdocs\ferreteria> git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   .editorconfig
    new file:   .env.example
    new file:   .gitattributes
    new file:   .gitignore
    new file:   .styleci.yml
    new file:   README.md
    new file:   app/Console/Kernel.php
    new file:   app/Exceptions/Handler.php
    new file:   app/Http/Controllers/Controller.php
    new file:   app/Http/Kernel.php
    new file:   app/Http/Middleware/Authenticate.php
    new file:   app/Http/Middleware/EncryptCookies.php
    new file:   app/Http/Middleware/PreventRequestsDuringMaintenance.php
    new file:   app/Http/Middleware/RedirectIfAuthenticated.php
```

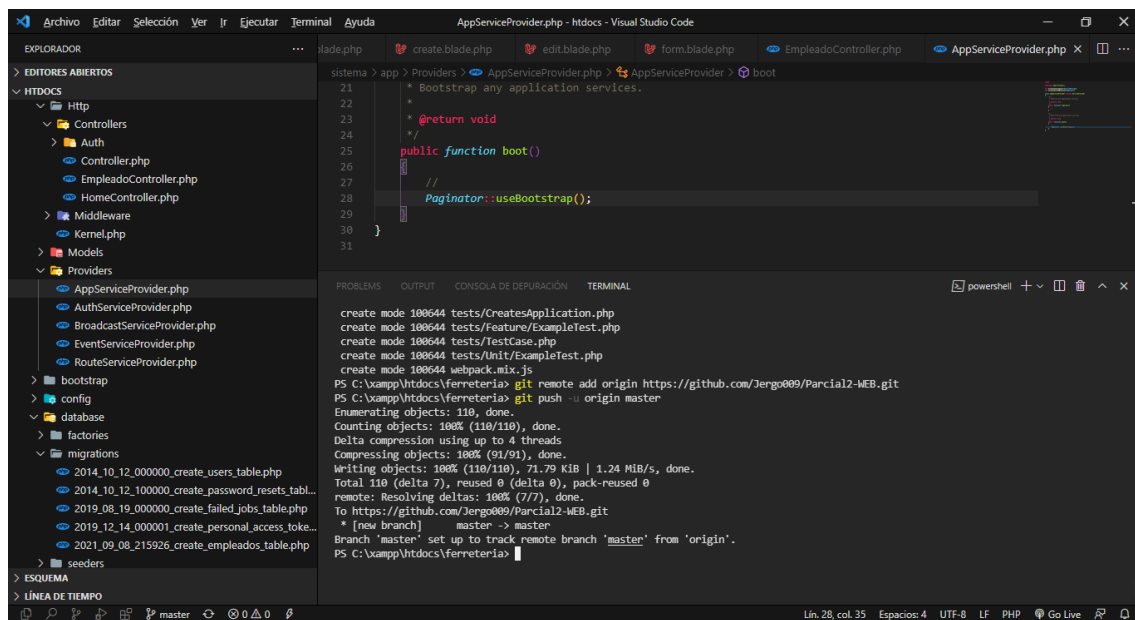
## Creamos el primer commit



The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying the file structure of a new project named 'ferreteria'. The main editor area shows the 'Producto.php' file in the 'Models' directory, which contains a class definition for 'Producto' extending 'Model' and using 'Illuminate\Database\Eloquent\Factories\HasFactory'. The bottom panel shows the 'TERMINAL' tab with the following output:

```
PS C:\xampp\htdocs\ferreteria> git commit -m "primer commit"
[master (root-commit) 88df832] primer commit
85 files changed, 11118 insertions(+)
create mode 100644 .editorconfig
create mode 100644 .env.example
create mode 100644 .gitattributes
create mode 100644 .gitignore
create mode 100644 .styleci.yml
create mode 100644 README.md
create mode 100644 app/Console/Kernel.php
create mode 100644 app/Exceptions/Handler.php
create mode 100644 app/Http/Controllers/Controller.php
create mode 100644 app/Http/Kernel.php
create mode 100644 app/Http/Middleware/Authenticate.php
create mode 100644 app/Http/Middleware/EncryptCookies.php
```

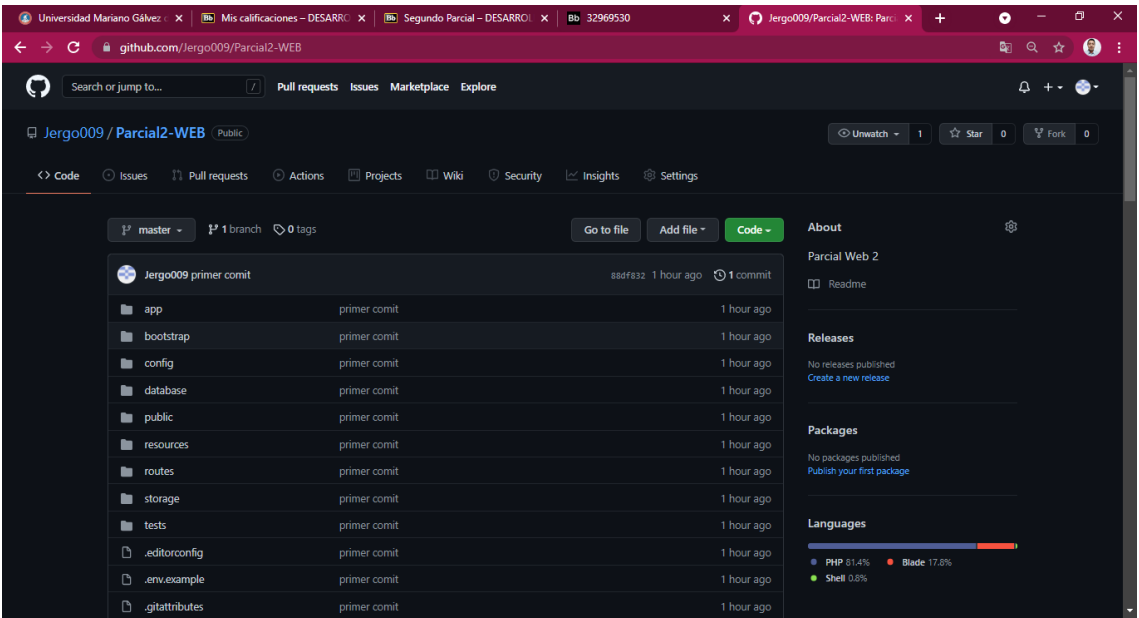
## Añadimos el repositorio de git-hub



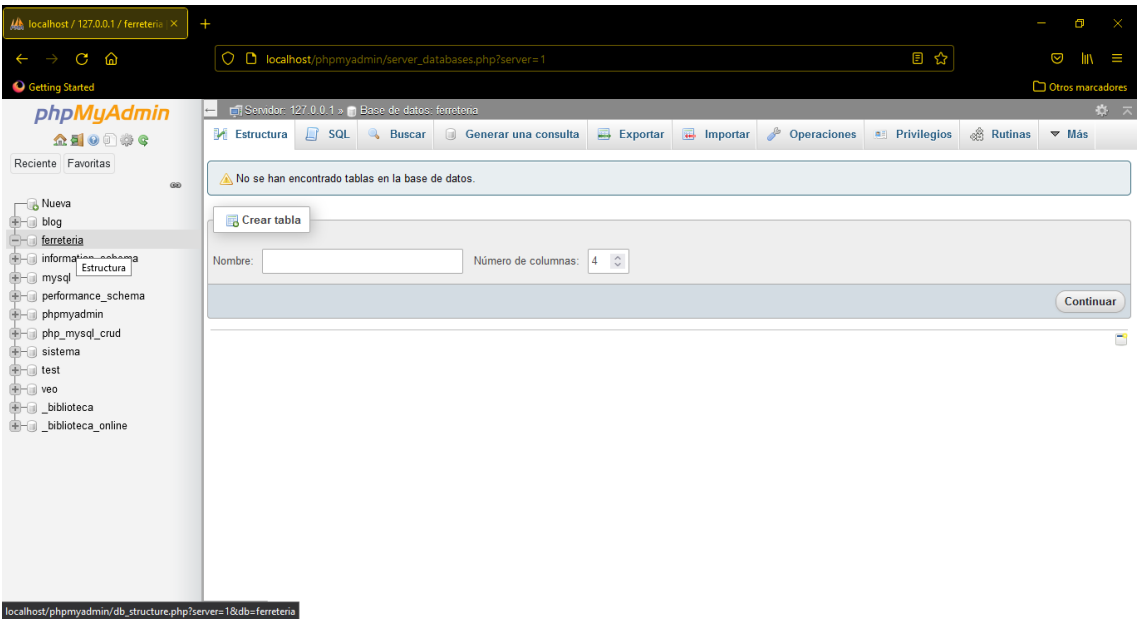
The screenshot shows the Visual Studio Code interface with the Explorer sidebar on the left displaying the file structure of a project named 'sistema'. The main editor area shows the 'AppServiceProvider.php' file in the 'Providers' directory, which contains a 'boot' method that calls 'Paginator::useBootstrap()'. The bottom panel shows the 'TERMINAL' tab with the following output:

```
create mode 100644 tests/CreatesApplication.php
create mode 100644 tests/Feature/ExampleTest.php
create mode 100644 tests/TestCase.php
create mode 100644 tests/Unit/ExampleTest.php
create mode 100644 webpack.mix.js
PS C:\xampp\htdocs\ferreteria> git remote add origin https://github.com/Jergoo9/Parcial2-WEB.git
PS C:\xampp\htdocs\ferreteria> git push -u origin master
Enumerating objects: 110, done.
Counting objects: 100% (110/110), done.
Delta compression using up to 4 threads
Compressing objects: 100% (91/91), done.
Writing objects: 100% (110/110), 71.79 KiB | 1.24 MiB/s, done.
Total 110 (delta 7), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (7/7), done.
To https://github.com/Jergoo9/Parcial2-WEB.git
 * [new branch] master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
PS C:\xampp\htdocs\ferreteria>
```

Verificamos el push en git



Creamos la bd ferreteria en MySql



## Creación de modelo vista controlador de productos y migración para crear tabla en bd

The screenshot shows the Visual Studio Code interface with the following components:

- EXPLORADOR:** A file explorer on the left showing the project structure, including migrations, seeders, and other files.
- EDITOR:** The main editor window displays the file `2021_09_21_010303_create_productos_table.php` with the following PHP code:

```
12 * @return void
13 */
14 public function up()
15 {
16     Schema::create('productos', function (Blueprint $table) {
17         $table->id();
18
19         $table->string('Nombre');
20         $table->string('Foto');
21     });
22 }
23
24 /**
25  * Reverse the migrations.
26  *
27  * @return void
28  */
29 public function down()
30 {
31     Schema::dropIfExists('productos');
```
- TERMINAL:** The bottom panel shows the execution of the migration command:

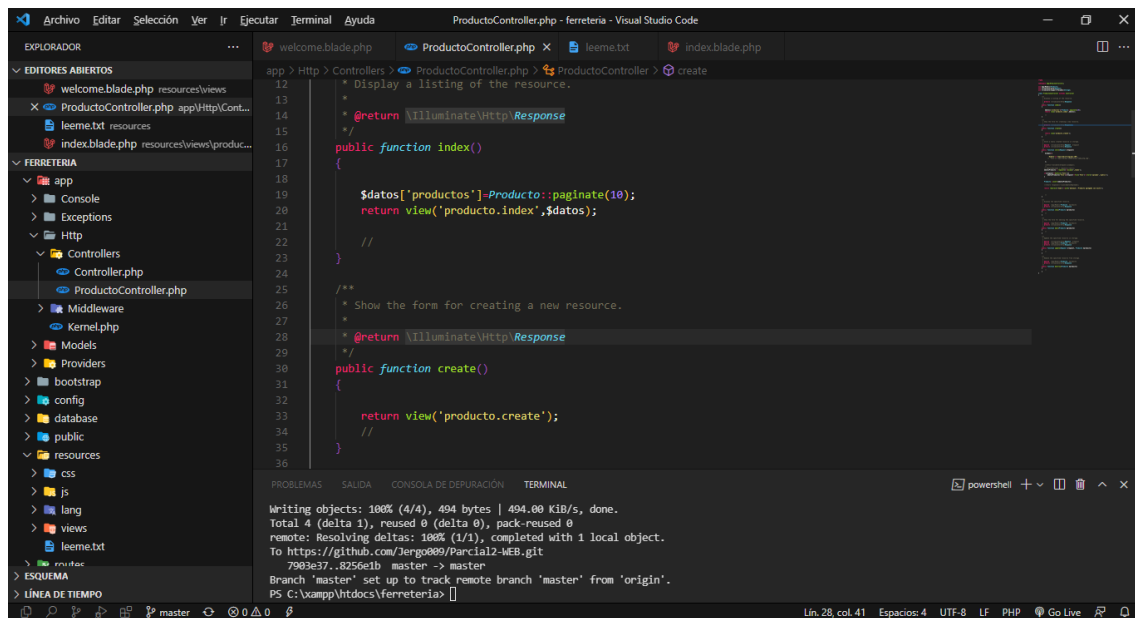
```
PS C:\xampp\htdocs\ferreteria> php artisan make:model Producto --rcf
Model created successfully.
Created Migration: 2021_09_21_010303_create_productos_table
Controller created successfully.
PS C:\xampp\htdocs\ferreteria> php artisan migrate
Migrating: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrating: 2014_10_12_100000_create_password_resets_table (60.11ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrating: 2019_08_19_000000_create_failed_jobs_table (47.02ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrating: 2019_12_14_000001_create_personal_access_tokens_table (66.62ms)
```

The screenshot shows the phpMyAdmin interface for the 'ferreteria' database. The 'Estructura de tabla' (Table Structure) tab is selected for the 'productos' table. The table structure is as follows:

#	Nombre	Tipo	Cotejamiento	Atributos	Nulo	Predeterminado	Comentarios	Extra	Acción
1	id	bigint(20)		UNSIGNED	No	Ninguna		AUTO_INCREMENT	<a href="#">Cambiar</a> <a href="#">Eliminar</a> <a href="#">Más</a>
2	Nombre	varchar(255)	utf8mb4_unicode_ci		No	Ninguna			<a href="#">Cambiar</a> <a href="#">Eliminar</a> <a href="#">Más</a>
3	Foto	varchar(255)	utf8mb4_unicode_ci		No	Ninguna			<a href="#">Cambiar</a> <a href="#">Eliminar</a> <a href="#">Más</a>

Below the table structure, there are sections for 'Índices' (Indices) and 'Particiones' (Partitions). The 'Índices' section shows a primary key index on the 'id' column.

## Controlador para paginacion



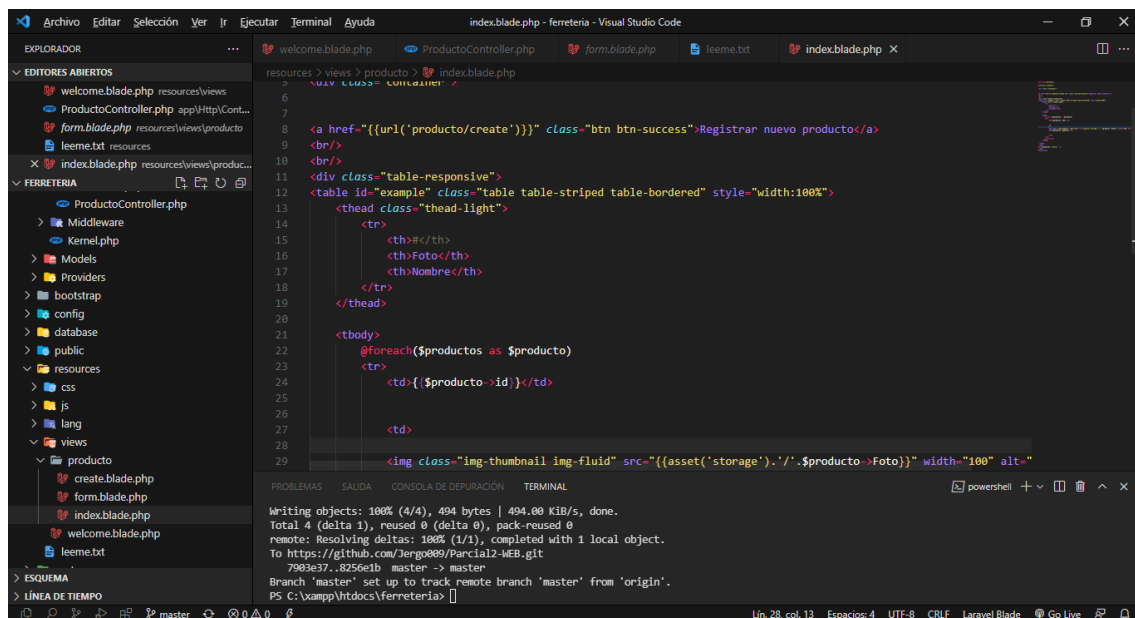
The screenshot shows the Visual Studio Code editor with the `ProductController.php` file open. The file is located in the `app/Http/Controllers` directory. The code implements two methods: `index()` and `create()`. The `index()` method uses `Product::paginate(10)` to retrieve a list of products and returns a view with the data. The `create()` method returns a view for creating a new resource. The terminal at the bottom shows the output of a command, indicating that the objects were written successfully.

```
12  * Display a listing of the resource.
13  *
14  * @return \Illuminate\Http\Response
15  */
16  public function index()
17  {
18
19      $datos['productos']=Producto::paginate(10);
20      return view('producto.index',$datos);
21
22  }
23
24
25  /**
26   * Show the form for creating a new resource.
27   *
28   * @return \Illuminate\Http\Response
29   */
30  public function create()
31  {
32
33      return view('producto.create');
34      //
35  }
36
```

PROBLEMAS SALIDA CONSOLA DE DEPURACIÓN TERMINAL

Writing objects: 100% (4/4), 494 bytes | 494.00 KiB/s, done.  
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0  
remote: Resolving deltas: 100% (1/1), completed with 1 local object.  
To https://github.com/Jergo009/Parcial2-MEB.git  
7903e37..8256e1b master -> master  
Branch 'master' set up to track remote branch 'master' from 'origin'.  
PS C:\xampp\htdocs\ferreteria>

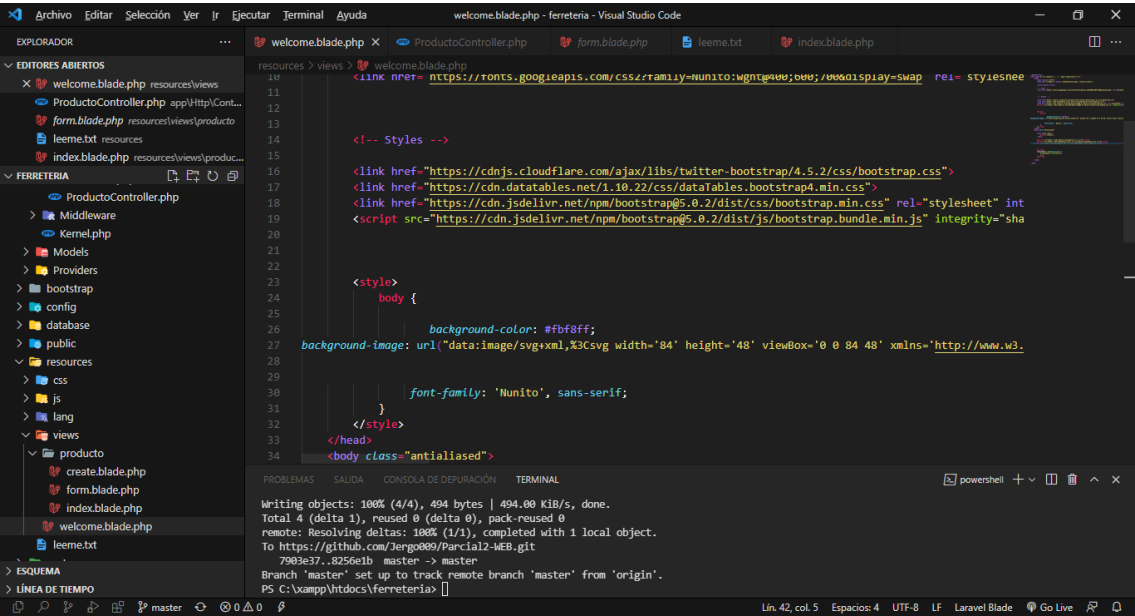
## Creacion de formulario para ingreso de información



The screenshot shows the Visual Studio Code editor with the `index.blade.php` file open. The file is located in the `resources/views/producto` directory. The code includes a form for creating a new product and a table to display the list of products. The form has a button labeled "Registrar nuevo producto". The table has columns for ID, Foto, and Nombre. The terminal at the bottom shows the output of a command, indicating that the objects were written successfully.

```
6  <div class="container">
7
8  <a href="{{url('producto/create')}}" class="btn btn-success">Registrar nuevo producto</a>
9  <br/>
10 <br/>
11 <div class="table-responsive">
12 <table id="example" class="table table-striped table-bordered" style="width:100%">
13 <thead class="thead-light">
14 <tr>
15 <th>#</th>
16 <th>Foto</th>
17 <th>Nombre</th>
18 </tr>
19 </thead>
20
21 <tbody>
22 @foreach($productos as $producto)
23 <tr>
24 <td>{{ $producto->id }}</td>
25
26
27 <td>
28
29  master  
Branch 'master' set up to track remote branch 'master' from 'origin'.  
PS C:\xampp\htdocs\ferreteria>

## Implementación de librerías para el uso de datatable para búsqueda de datos y filtrado

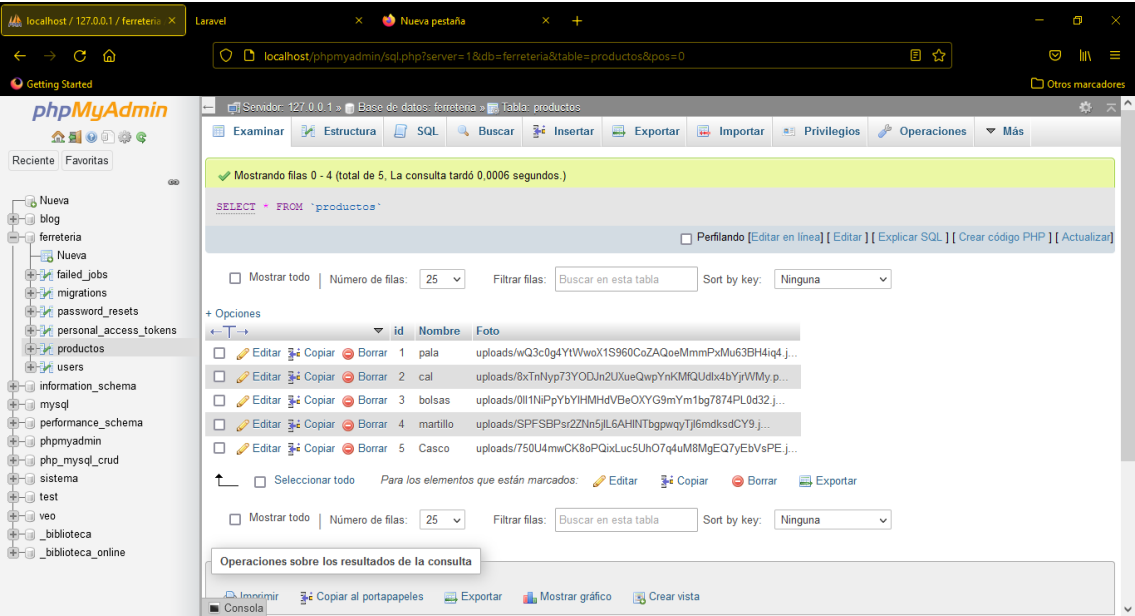


The screenshot shows the Visual Studio Code editor with a Laravel project open. The file explorer on the left shows the project structure, including the 'resources' directory. The main editor displays the 'welcome.blade.php' file, which contains the following code:

```
10 <link href="https://fonts.googleapis.com/css?family=Nunito:wght@400;600;700&display=swap" rel="stylesheet">
11
12
13
14
15
16 <!-- Styles -->
17
18 <link href="https://cdn.jsdelivr.net/npm/bootstrap@4.5.2/dist/css/bootstrap.min.css" rel="stylesheet">
19 <link href="https://cdn.datatables.net/1.10.22/css/dataTables.bootstrap4.min.css" rel="stylesheet" int
20 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js" integrity="sha
21
22
23
24 <style>
25     body {
26         background-color: #f8f9fa;
27         background-image: url("data:image/svg+xml,%3Csvg width='84' height='48' viewBox='0 0 84 48' xmlns='http://www.w3.
28
29         font-family: 'Nunito', sans-serif;
30     }
31 </style>
32 </head>
33 <body class="antialiased">
```

The terminal at the bottom shows the output of a command, indicating that the objects were written successfully and the branch 'master' was set up to track the remote branch 'master' from 'origin'.

## Vista final de la base de datos con los datos ingresados



The screenshot shows the phpMyAdmin interface for the 'ferreteria' database. The 'productos' table is selected, and the 'Estructura' tab is active. The table contains 5 records, which are displayed in the 'Mostrando filas 0 - 4 (total de 5, La consulta tardó 0,0006 segundos)' section. The records are as follows:

| id | Nombre   | Foto                                                   |
|----|----------|--------------------------------------------------------|
| 1  | pala     | uploads/wQ3c0g4YtWwoX1S960CoZAQoeMmmPxmMu63BH4iq4.j... |
| 2  | cal      | uploads/8xTnNyp73YODJn2UXueQwpYnkMKIQUdx4bYrWMY.p...   |
| 3  | bolsas   | uploads/0l1NPPyYbYHMHdVBeOXYG9mYm1bg7874PLd32.j...     |
| 4  | martillo | uploads/SPFSDPsr2Zn5jL6AHINTbgpwqyTJf6mdksdCY9.j...    |
| 5  | Casco    | uploads/750U4mwCK8oPQixLuc5Uh07q4uM8MgEQ7yEbv'sPE.j... |

The interface also shows the 'Opciones' section with filters and sorting options, and the 'Operaciones sobre los resultados de la consulta' section with actions like 'Seleccionar todo', 'Para los elementos que están marcados', 'Editar', 'Copiar', 'Borrar', and 'Exportar'.



## Formulario de ingreso de datos

localhost / 127.0.0.1 / ferreteria x Laravel x Nueva pestaña x +

127.0.0.1:8000/producto/create 90% ☆

Getting Started Otros marcadores

Nombre

Examinar... No se ha seleccionado ningún archivo.

guardar datos Regresar

## Pagina principal con muestra de datos y búsqueda

localhost / 127.0.0.1 / ferreteria x Laravel x Nueva pestaña x +






127.0.0.1:8000/home 70% ☆

Getting Started Otros marcadores

Registrar nuevo producto

Show 10 entries

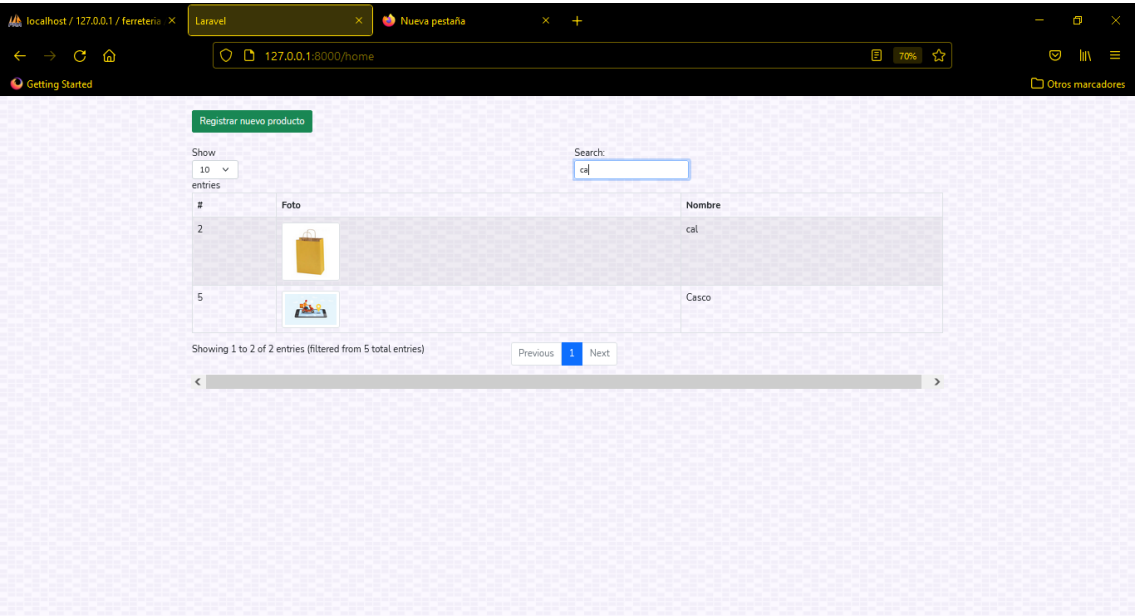
Search:

| # | Foto                                                                                | Nombre   |
|---|-------------------------------------------------------------------------------------|----------|
| 1 |  | pala     |
| 2 |  | cal      |
| 3 |  | bolsas   |
| 4 |  | martillo |
| 5 |  | Casco    |

Showing 1 to 5 of 5 entries

Previous 1 Next

Búsqueda de la palabra ca



Nos muestra los resultados de ...cal

