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**Disciplina:** Laboratório de Programação WEB 2

**Professor:** Fábio Lima

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Executando o workspace e criando o projetoweb:

```
root@85180404b31b: /var/www
Microsoft Windows [versão 10.0.19043.1237]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\WINDOWS\system32>
C:\WINDOWS\system32>cd C:\Users\jefin\OneDrive\Faculdade\Fabio\WEB2\Docker\laradock\ls
O sistema não pode encontrar o caminho especificado.

C:\WINDOWS\system32>cd C:\Users\jefin\OneDrive\Faculdade\Fabio\WEB2\Docker\laradock

C:\Users\jefin\OneDrive\Faculdade\Fabio\WEB2\Docker\laradock>cd C:\Users\jefin\OneDrive\Faculdade\Fabio\WEB2\Docker\laradock

C:\Users\jefin\OneDrive\Faculdade\Fabio\WEB2\Docker\laradock>docker-compose exec workspace bash
root@85180404b31b:/var/www# composer create-project laravel/laravel projeto
Creating a "laravel/laravel" project at "./projeto"
```

```
root@85180404b31b: /var/www

- Installing phpunit/php-text-template (2.0.4): Extracting archive
- Installing phpunit/php-invoker (3.1.1): Extracting archive
- Installing phpunit/php-file-iterator (3.0.5): Extracting archive
- Installing theseer/tokenizer (1.2.1): Extracting archive
- Installing sebastian/lines-of-code (1.0.3): Extracting archive
- Installing sebastian/complexity (2.0.2): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (2.0.3): Extracting archive
- Installing phpunit/php-code-coverage (9.2.7): Extracting archive
- Installing doctrine/instantiator (1.4.0): Extracting archive
- Installing phpspec/prophecy (1.14.0): Extracting archive
- Installing phar-io/version (3.1.0): Extracting archive
- Installing phar-io/manifest (2.0.3): Extracting archive
- Installing myclabs/deep-copy (1.10.2): Extracting archive
- Installing phpunit/phpunit (9.5.10): Extracting archive
52 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
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.
75 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
No publishable resources for tag [laravel-assets].
Publishing complete.
> @php artisan key:generate --ansi
Application key set successfully.
root@85180404b31b:/var/www#
```

## Migração do banco de dados e gerando as chaves e link

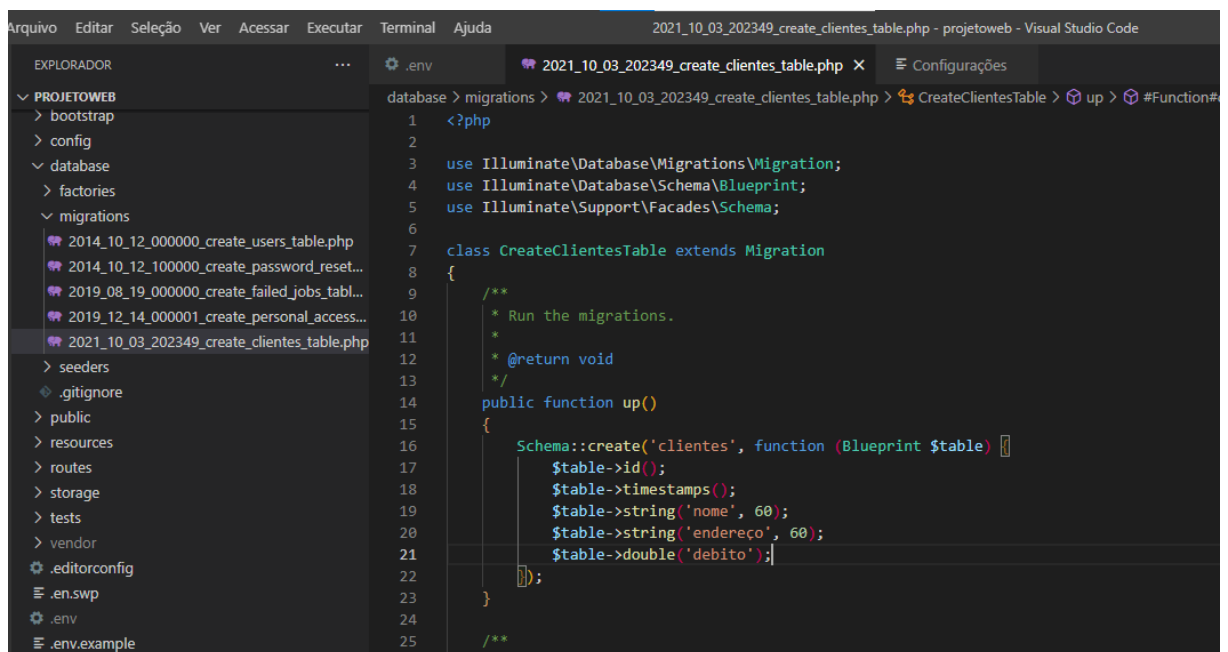
```
root@85180404b31b: /var/www/projetoweb

root@85180404b31b:/var/www/projetoweb# php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table (1,539.49ms)
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (811.04ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (803.81ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated: 2019_12_14_000001_create_personal_access_tokens_table (1,246.28ms)
root@85180404b31b:/var/www/projetoweb# chmod -R 777 storage
root@85180404b31b:/var/www/projetoweb# php artisan key:generate
Application key set successfully.
root@85180404b31b:/var/www/projetoweb# php artisan storage:link
The [/var/www/projetoweb/public/storage] link has been connected to [/var/www/projetoweb/storage/app/public].
The links have been created.
root@85180404b31b:/var/www/projetoweb#
```

## Criando uma tabela clientes e fornecedores

php artisan make:migration create\_clientes\_table

php artisan make:migration create\_fornecedor\_table



The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor on the right. The file explorer shows the project structure of 'PROJETOWEB', including directories like 'bootstrap', 'config', 'database', 'factories', 'migrations', 'seeders', and 'storage'. The 'migrations' directory is expanded, showing several migration files. The code editor displays the content of the file '2021\_10\_03\_202349\_create\_clientes\_table.php'. The code is a PHP migration class that extends 'Migration' and implements the 'up()' method. The 'up()' method uses the 'Schema::create()' method to create a table named 'clientes' with columns 'id', 'nome', 'endereco', and 'debito'.

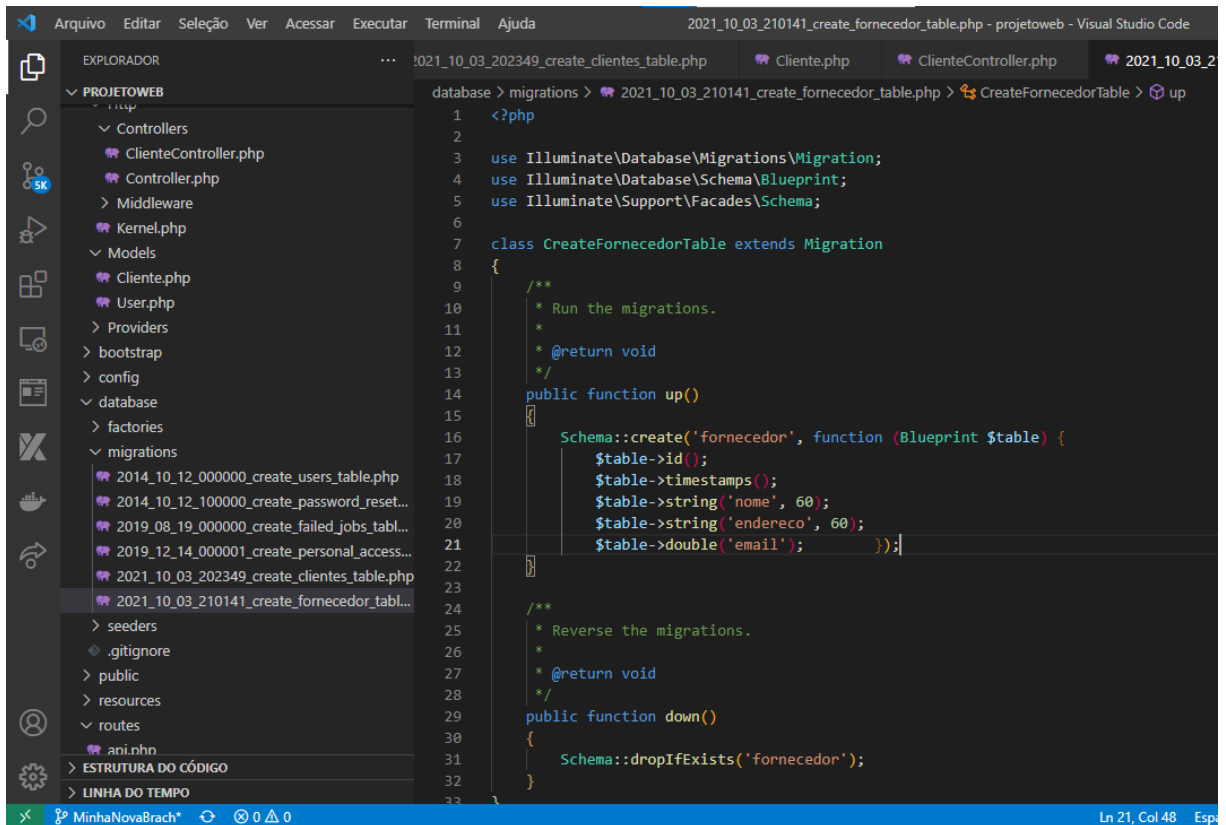
```
Arquivo  Editar  Seleção  Ver  Acessar  Executar  Terminal  Ajuda  2021_10_03_202349_create_clientes_table.php - projetoweb - Visual Studio Code

EXPLORADOR  ...  .env  2021_10_03_202349_create_clientes_table.php X  Configurações

PROJETOWEB
├── bootstrap
├── config
├── database
├── factories
├── migrations
│   ├── 2014_10_12_000000_create_users_table.php
│   ├── 2014_10_12_100000_create_password_reset...
│   ├── 2019_08_19_000000_create_failed_jobs_tabl...
│   ├── 2019_12_14_000001_create_personal_access...
│   └── 2021_10_03_202349_create_clientes_table.php
├── seeders
├── .gitignore
├── public
├── resources
├── routes
├── storage
├── tests
├── vendor
├── .editorconfig
├── .en.swp
├── .env
└── .env.example

database > migrations > 2021_10_03_202349_create_clientes_table.php > CreateClientesTable > up > #Function#

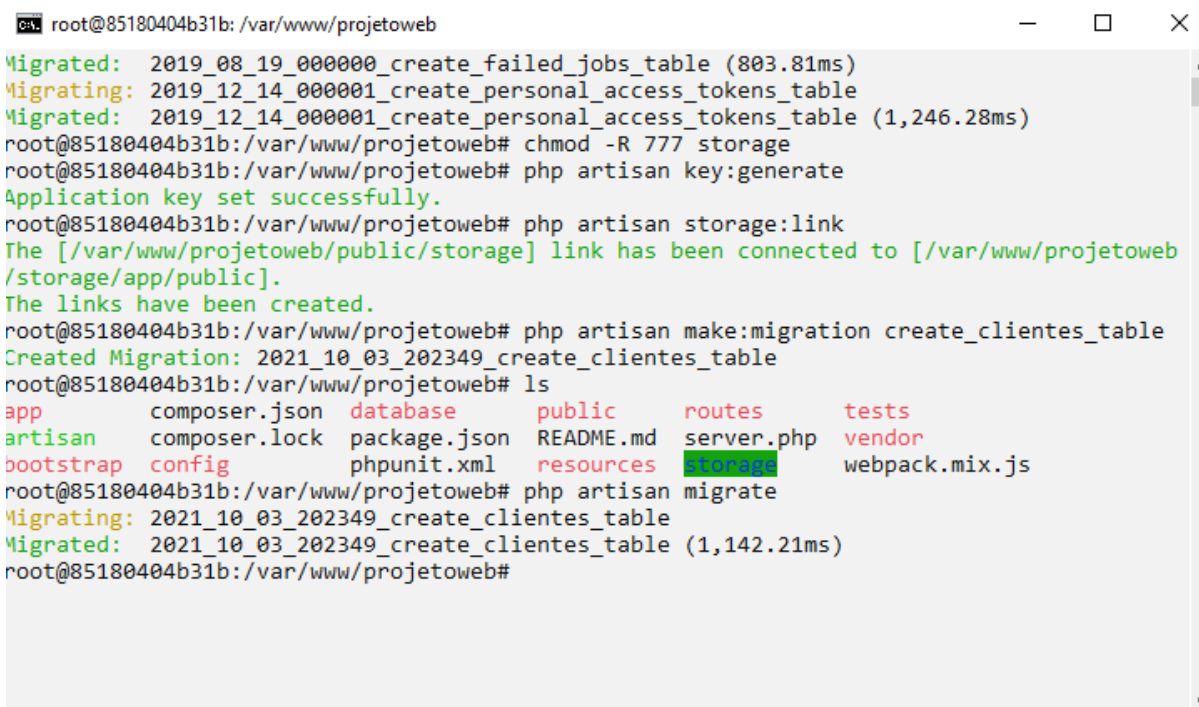
1  <?php
2
3  use Illuminate\Database\Migrations\Migration;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Support\Facades\Schema;
6
7  class CreateClientesTable extends Migration
8  {
9      /**
10       * Run the migrations.
11       *
12       * @return void
13       */
14     public function up()
15     {
16         Schema::create('clientes', function (Blueprint $table) {
17             $table->id();
18             $table->timestamps();
19             $table->string('nome', 60);
20             $table->string('endereco', 60);
21             $table->double('debito');
22         });
23     }
24
25     /**
```



Migrando tabelas:

php artisan migrate

php artisan migrate:status (ver o status das migrações)



```
root@85180404b31b: /var/www/projetoweb
root@85180404b31b:/var/www/projetoweb# php artisan make:migration create_fornecedores_table
Created Migration: 2021_10_03_210507_create_fornecedores_table
root@85180404b31b:/var/www/projetoweb# php artisan migrate:status
+-----+-----+-----+
| Ran? | Migration | Batch |
+-----+-----+-----+
| Yes  | 2014_10_12_000000_create_users_table | 1 |
| Yes  | 2014_10_12_100000_create_password_resets_table | 1 |
| Yes  | 2019_08_19_000000_create_failed_jobs_table | 1 |
| Yes  | 2019_12_14_000001_create_personal_access_tokens_table | 1 |
| Yes  | 2021_10_03_202349_create_clientes_table | 2 |
| No   | 2021_10_03_210507_create_fornecedores_table |  |
+-----+-----+-----+
root@85180404b31b:/var/www/projetoweb# php artisan migrate
Migrating: 2021_10_03_210507_create_fornecedores_table
Migrated: 2021_10_03_210507_create_fornecedores_table (391.47ms)
root@85180404b31b:/var/www/projetoweb#
```

phpMyAdmin

Recente

Favoritos

Novo

default

information\_schema

mysql

performance\_schema

projetoweb

- Nova
- clientes
- failed\_jobs
- fornecedores
- migrations
- password\_resets
- personal\_access\_tokens
- users

sys

Servidor: mysql » Banco de dados: projetoweb » Tabela: fornecedores

Procurar

Estrutura

SQL

Pesquisar

Inserir

Exportar

Importar

Estrutura da tabela

Visão de relação(ões)

#	Nome	Tipo	Agrupamento (Collation)	Atributos	Nulo	Predefinido	Comentários
<input type="checkbox"/>	1 id	bigint		UNSIGNED	Não	Nenhum	
<input type="checkbox"/>	2 created_at	timestamp			Sim	NULL	
<input type="checkbox"/>	3 updated_at	timestamp			Sim	NULL	
<input type="checkbox"/>	4 nome	varchar(60)	utf8mb4_unicode_ci		Não	Nenhum	
<input type="checkbox"/>	5 endereco	varchar(60)	utf8mb4_unicode_ci		Não	Nenhum	
<input type="checkbox"/>	6 email	varchar(45)	utf8mb4_unicode_ci		Não	Nenhum	

☐ Marcar todos

Com os seleccionados:

Procurar

Muda

Elimina

F

Espacial

Texto Completo

Imprimir

Mover campo(s)

Normalizar

Adicionar

1

campo(s)

após email

Executar

Índices

localhost:8081/index.php?route=/sql&server=1&db=projetoweb&table=personal...

Nome da chave	Tipo	Único	Pacote	Coluna	Quantidade	Ag
---------------	------	-------	--------	--------	------------	----

Criando model Cliente e Fornecedor:

php artisan make:model Cliente

php artisan make:model Fornecedor

```
root@85180404b31b: /var/www/projetoweb

Migrated: 2014_10_12_100000_create_password_resets_table (811.04ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (803.81ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated: 2019_12_14_000001_create_personal_access_tokens_table (1,246.28ms)
root@85180404b31b: /var/www/projetoweb# chmod -R 777 storage
root@85180404b31b: /var/www/projetoweb# php artisan key:generate
Application key set successfully.
root@85180404b31b: /var/www/projetoweb# php artisan storage:link
The [/var/www/projetoweb/public/storage] link has been connected to [/var/www/projetoweb/storage/app/public].
The links have been created.
root@85180404b31b: /var/www/projetoweb# php artisan make:migration create_clientes_table
Created Migration: 2021_10_03_202349_create_clientes_table
root@85180404b31b: /var/www/projetoweb# ls
app            composer.json  database       public         routes         tests
artisan        composer.lock  package.json  README.md     server.php     vendor
bootstrap      config         phpunit.xml   resources     storage        webpack.mix.js
root@85180404b31b: /var/www/projetoweb# php artisan migrate
Migrating: 2021_10_03_202349_create_clientes_table
Migrated: 2021_10_03_202349_create_clientes_table (1,142.21ms)
root@85180404b31b: /var/www/projetoweb# php artisan make:model Cliente
Model created successfully.
root@85180404b31b: /var/www/projetoweb#
```

```
root@85180404b31b: /var/www/projetoweb

root@85180404b31b: /var/www/projetoweb# php artisan make:model Fornecedor
Model created successfully.
root@85180404b31b: /var/www/projetoweb#
```

Criando Controller Cliente e Fornecedor

php artisan make:controller ClienteController

php artisan make:controller FornecedorController

root@85180404b31b: /var/www/projetoweb

Model created successfully.

root@85180404b31b: /var/www/projetoweb# php artisan make:controller ClienteController^C

root@85180404b31b: /var/www/projetoweb# php artisan make:controller ClienteController

Controller created successfully.

root@85180404b31b: /var/www/projetoweb#

root@85180404b31b: /var/www/projetoweb

root@85180404b31b: /var/www/projetoweb# php artisan make:model Fornecedor

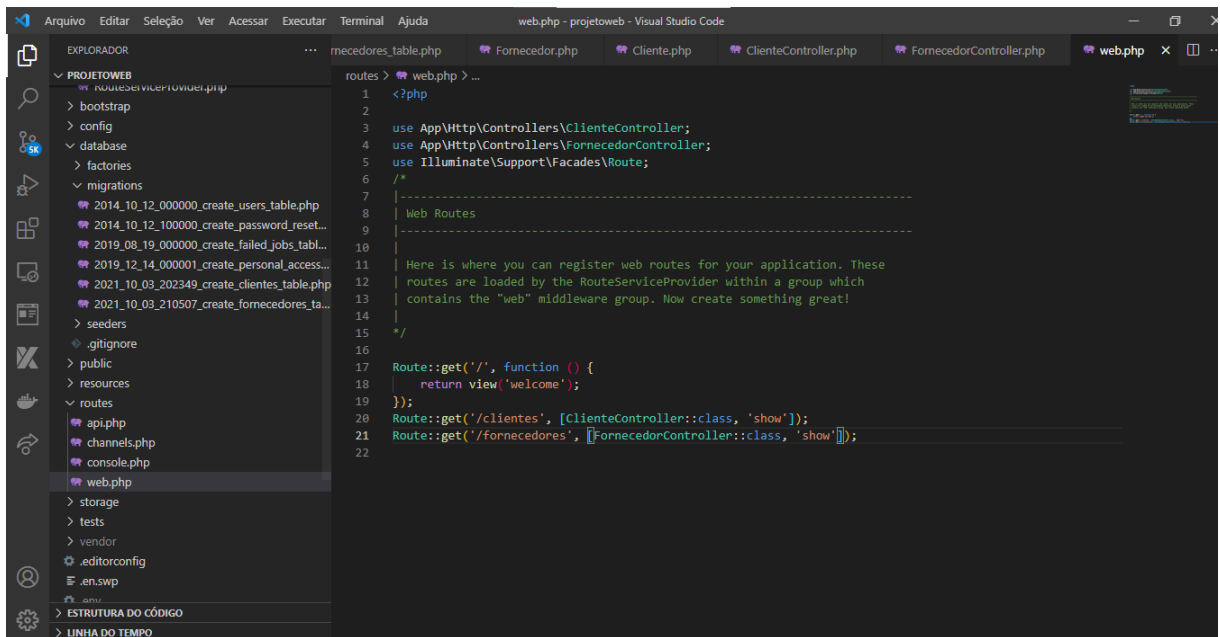
Model created successfully.

root@85180404b31b: /var/www/projetoweb# php artisan make:controller FornecedorController

Controller created successfully.

root@85180404b31b: /var/www/projetoweb#

## configuração web:

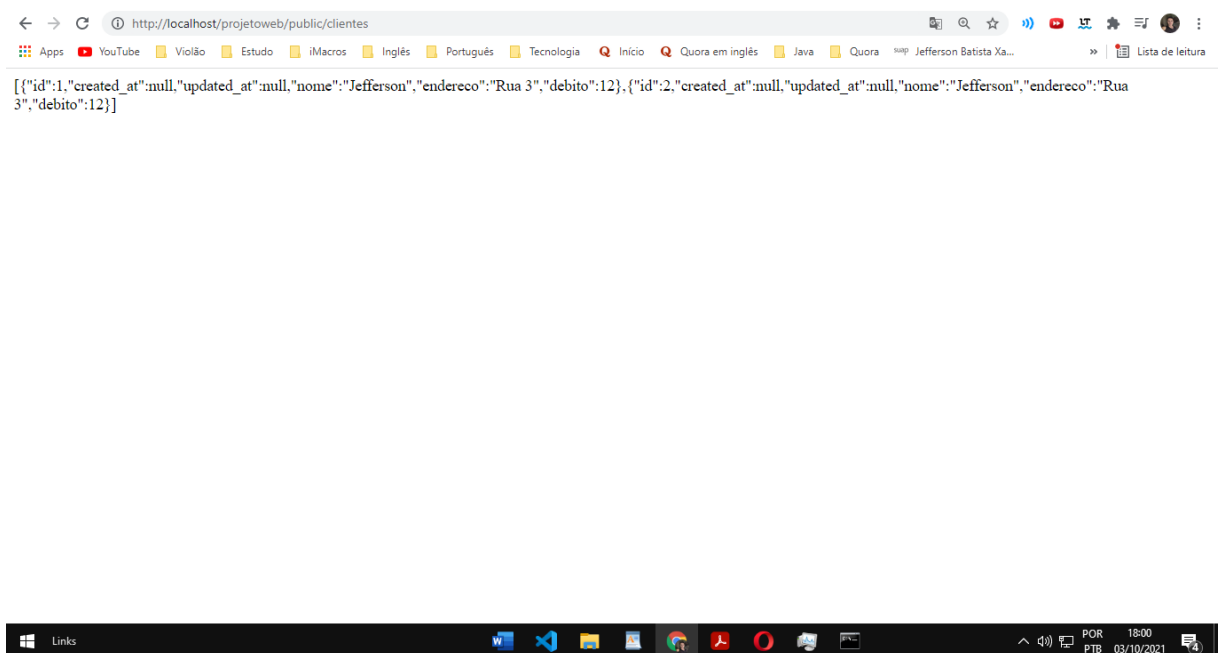


The screenshot shows the Visual Studio Code interface with the 'web.php' file open in the editor. The file is part of a project named 'PROJETOWEB'. The editor displays the following code:

```
1 <?php
2
3 use App\Http\Controllers\ClienteController;
4 use App\Http\Controllers\FornecedorController;
5 use Illuminate\Support\Facades\Route;
6
7 /*
8  * Web Routes
9  *
10  * Here is where you can register web routes for your application. These
11  * routes are loaded by the RouteServiceProvider within a group which
12  * contains the "web" middleware group. Now create something great!
13  */
14
15
16
17 Route::get('/', function () {
18     return view('welcome');
19 });
20
21 Route::get('/clientes', [ClienteController::class, 'show']);
22
23 Route::get('/fornecedores', [FornecedorController::class, 'show']);
```

## No localhost:

### Clientes:



Fornecedores:

