# CURSO LARAVEL 5.6 - RELACIONAMENTO ENTRE TABELAS Carlos Ferreira (EspecializaTI)

https://www.youtube.com/watch?v=ylOBD8D0GBU&list=PLVSNL1PHDWvSk2zxNTYzGRnPMQTFyrYUi

Resumo do curso feito por Roberto Pinheiro

# **AULA 01 - INSTALANDO E CONFIGURANDO**

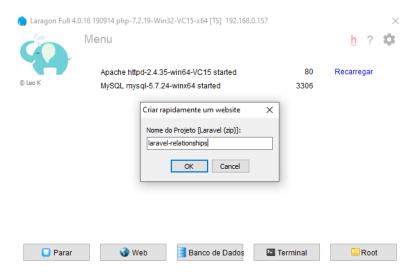
- Instale o Laragon
- Clique no botão "Iniciar tudo"



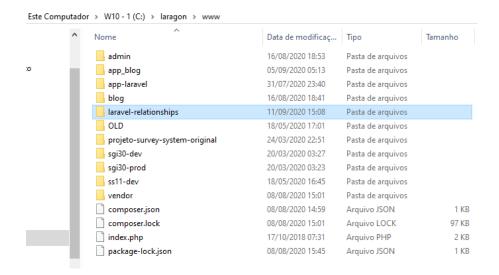
## Criando um virtual host

- Clique com o botão direito do mouse sobre esta tela e selecione a opção "Criar rapidamente um website"  $\rightarrow$  "Laravel (zip)"

Em "Nome do projeto" insira "laravel-relationships" e clique no botão "Ok"

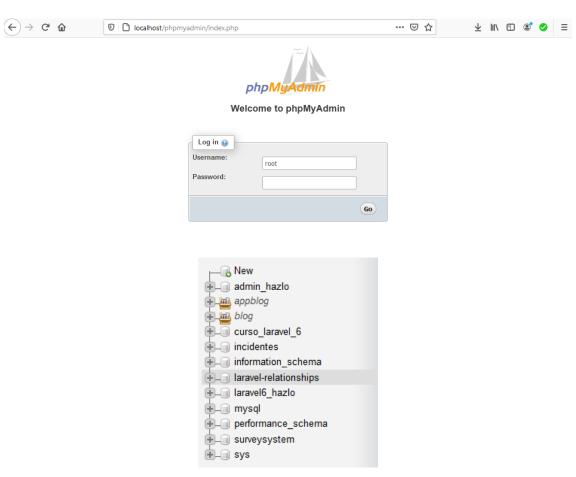


- Será criado a pasta "laravel-relationships" dentro de "C:\Laragon\www"



- Também será automaticamente criando o banco de dados "laravel-relationships".

## localhost/phpmyadmin



- E gerada a URL amigável:

http://laravel-relationships.test/





- Que é equivalente a entrar com a URL:

http://localhost/laravel-relationships/public/

# Arquivos gerados ao criar o virtual host

# C:\laragon\etc\apache2\sites-enabled\ auto.laravel-relationships.test.conf

```
<VirtualHost *:80>
    DocumentRoot "C:/laragon/www/laravel-relationships/public/"
    ServerName laravel-relationships.test
    ServerAlias *.laravel-relationships.test
    <Directory "C:/laragon/www/laravel-relationships/public/">
         AllowOverride All
         Require all granted
    </Directory>
</VirtualHost>
```

# If you want to use SSL, enable it by going to Menu > Apache > SSL > Enabled

- E no arquivo " C:\Windows\System32\drivers\etc\hosts" é inserida a linha:

# C:\Windows\System32\drivers\etc\hosts

```
# Copyright (c) 1993-2009 Microsoft Corp.

#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.

#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.

#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
```

```
# For example:
#
    102.54.94.97 rhino.acme.com
                                      # source server
#
    38.25.63.10 x.acme.com
                                    # x client host
# localhost name resolution is handled within DNS itself.
# 127.0.0.1 localhost
# ::1
            localhost
127.0.0.1
           admin.test
                           #laragon magic!
           app-laravel.test #laragon magic!
127.0.0.1
                            #laragon magic!
127.0.0.1
           app_blog.test
                         #laragon magic!
127.0.0.1
           blog.test
           laravel-relationships.test #laragon magic!
127.0.0.1
127.0.0.1 OLD.test
                          #laragon magic!
127.0.0.1 projeto-survey-system-original.test #laragon magic!
127.0.0.1 sgi30-dev.test
                            #laragon magic!
          sgi30-prod.test
127.0.0.1
                            #laragon magic!
127.0.0.1 ss11-dev.test
                            #laragon magic!
127.0.0.1 vendor.test
                           #laragon magic!
```

## config\app.php

```
<?php
return [
  | Application Name
  | This value is the name of your application. This value is used when the
  | framework needs to place the application's name in a notification or
  any other location as required by the application or its packages.
  */
  'name' => env('APP_NAME', 'Laravel Relationships'),
  | Application Environment
  | This value determines the "environment" your application is currently
  | running in. This may determine how you prefer to configure various
  | services your application utilizes. Set this in your ".env" file.
  */
  'env' => env('APP_ENV', 'production'),
  | Application Debug Mode
  |-----
  When your application is in debug mode, detailed error messages with
  stack traces will be shown on every error that occurs within your
  application. If disabled, a simple generic error page is shown.
  */
  'debug' => env('APP_DEBUG', false),
  |-----
  | Application URL
  | This URL is used by the console to properly generate URLs when using
  | the Artisan command line tool. You should set this to the root of
  | your application so that it is used when running Artisan tasks.
  */
  'url' => env('APP_URL', 'http://localhost'),
```

```
| Application Timezone
| Here you may specify the default timezone for your application, which
| will be used by the PHP date and date-time functions. We have gone
ahead and set this to a sensible default for you out of the box.
*/
'timezone' => 'America/Sao_Paulo',
Application Locale Configuration
The application locale determines the default locale that will be used
| by the translation service provider. You are free to set this value
to any of the locales which will be supported by the application.
*/
'locale' => 'en',
| Application Fallback Locale
The fallback locale determines the locale to use when the current one
is not available. You may change the value to correspond to any of
the language folders that are provided through your application.
*/
'fallback_locale' => 'en',
| Encryption Key
| This key is used by the Illuminate encrypter service and should be set
| to a random, 32 character string, otherwise these encrypted strings
| will not be safe. Please do this before deploying an application!
*/
'key' => env('APP_KEY'),
'cipher' => 'AES-256-CBC',
    .....
```

```
| Autoloaded Service Providers
  .....
| The service providers listed here will be automatically loaded on the
| request to your application. Feel free to add your own services to
this array to grant expanded functionality to your applications.
*/
'providers' => [
   * Laravel Framework Service Providers...
  Illuminate\Auth\AuthServiceProvider::class,
  Illuminate\Broadcasting\BroadcastServiceProvider::class,
  Illuminate\Bus\BusServiceProvider::class,
  Illuminate\Cache\CacheServiceProvider::class,
  Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,
  Illuminate\Cookie\CookieServiceProvider::class,
  Illuminate\Database\DatabaseServiceProvider::class,
  Illuminate\Encryption\EncryptionServiceProvider::class,
  Illuminate\Filesystem\FilesystemServiceProvider::class,
  Illuminate\Foundation\Providers\FoundationServiceProvider::class,
  Illuminate\Hashing\HashServiceProvider::class,
  Illuminate\Mail\MailServiceProvider::class,
  Illuminate\Notifications\NotificationServiceProvider::class,
  Illuminate\Pagination\PaginationServiceProvider::class,
  Illuminate\Pipeline\PipelineServiceProvider::class,
  Illuminate\Queue\QueueServiceProvider::class,
  Illuminate\Redis\Redis\enviceProvider::class,
  Illuminate\Auth\Passwords\PasswordResetServiceProvider::class,
  Illuminate\Session\SessionServiceProvider::class,
  Illuminate\Translation\TranslationServiceProvider::class,
  Illuminate\Validation\ValidationServiceProvider::class,
  Illuminate\View\ViewServiceProvider::class,
   * Package Service Providers...
   * Application Service Providers...
  */
  App\Providers\AppServiceProvider::class,
  App\Providers\AuthServiceProvider::class,
  // App\Providers\BroadcastServiceProvider::class,
  App\Providers\EventServiceProvider::class,
  App\Providers\RouteServiceProvider::class,
],
| Class Aliases
```

```
| This array of class aliases will be registered when this application
is started. However, feel free to register as many as you wish as
the aliases are "lazy" loaded so they don't hinder performance.
*/
'aliases' => [
  'App' => Illuminate\Support\Facades\App::class,
  'Artisan' => Illuminate\Support\Facades\Artisan::class,
  'Auth' => Illuminate\Support\Facades\Auth::class,
  'Blade' => Illuminate\Support\Facades\Blade::class,
  'Broadcast' => Illuminate\Support\Facades\Broadcast::class,
  'Bus' => Illuminate\Support\Facades\Bus::class,
  'Cache' => Illuminate\Support\Facades\Cache::class,
  'Config' => Illuminate\Support\Facades\Config::class,
  'Cookie' => Illuminate\Support\Facades\Cookie::class,
  'Crypt' => Illuminate\Support\Facades\Crypt::class,
  'DB' => Illuminate\Support\Facades\DB::class,
  'Eloquent' => Illuminate\Database\Eloquent\Model::class,
  'Event' => Illuminate\Support\Facades\Event::class,
  'File' => Illuminate\Support\Facades\File::class,
  'Gate' => Illuminate\Support\Facades\Gate::class,
  'Hash' => Illuminate\Support\Facades\Hash::class,
  'Lang' => Illuminate\Support\Facades\Lang::class,
  'Log' => Illuminate\Support\Facades\Log::class,
  'Mail' => Illuminate\Support\Facades\Mail::class,
  'Notification' => Illuminate\Support\Facades\Notification::class,
  'Password' => Illuminate\Support\Facades\Password::class,
  'Queue' => Illuminate\Support\Facades\Queue::class,
  'Redirect' => Illuminate\Support\Facades\Redirect::class,
  'Redis' => Illuminate\Support\Facades\Redis::class,
  'Request' => Illuminate\Support\Facades\Request::class,
  'Response' => Illuminate\Support\Facades\Response::class,
  'Route' => Illuminate\Support\Facades\Route::class,
  'Schema' => Illuminate\Support\Facades\Schema::class,
  'Session' => Illuminate\Support\Facades\Session::class,
  'Storage' => Illuminate\Support\Facades\Storage::class,
  'URL' => Illuminate\Support\Facades\URL::class,
  'Validator' => Illuminate\Support\Facades\Validator::class,
  'View' => Illuminate\Support\Facades\View::class,
],
```

];

## composer.json

```
{
  "name": "laravel/laravel",
  "description": "The Laravel Framework.",
  "keywords": ["framework", "laravel"],
  "license": "MIT",
  "type": "project",
  "require": {
    "php": "^7.1.3",
    "fideloper/proxy": "^4.0",
    "laravel/framework": "5.6.*",
    "laravel/tinker": "^1.0"
  "require-dev": {
    "filp/whoops": "^2.0",
    "fzaninotto/faker": "^1.4",
    "mockery/mockery": "^1.0",
    "nunomaduro/collision": "^2.0",
    "phpunit/phpunit": "^7.0"
  },
  "autoload": {
    "classmap": [
      "database/seeds",
       "database/factories"
    "psr-4": {
       "App\\": "app/"
    }
  },
  "autoload-dev": {
    "psr-4": {
      "Tests\\": "tests/"
    }
  },
  "extra": {
    "laravel": {
      "dont-discover": [
      ]
    }
  },
  "scripts": {
    "post-root-package-install": [
       "@php -r \"file_exists('.env') || copy('.env.example', '.env');\""
    "post-create-project-cmd": [
       "@php artisan key:generate"
    "post-autoload-dump": [
       "Illuminate\\Foundation\\ComposerScripts::postAutoloadDump",
       "@php artisan package:discover"
    ]
  },
  "config": {
    "preferred-install": "dist",
    "sort-packages": true,
    "optimize-autoloader": true
```

```
},
  "minimum-stability": "dev",
  "prefer-stable": true
}
.env
APP_NAME=Laravel
APP_ENV=local
APP KEY=base64:M29FqBdy1ir30TerdGYjv3YPRsMN+3k8vDvlgM+stTw=
APP DEBUG=true
APP_URL=http://laravel-relationships.test
LOG_CHANNEL=stack
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB DATABASE=laravel-relationships
DB_USERNAME=root
DB_PASSWORD=
BROADCAST_DRIVER=log
CACHE_DRIVER=file
SESSION_DRIVER=file
SESSION_LIFETIME=120
QUEUE_DRIVER=sync
REDIS_HOST=127.0.0.1
REDIS_PASSWORD=null
REDIS_PORT=6379
MAIL_DRIVER=smtp
MAIL_HOST=smtp.mailtrap.io
MAIL_PORT=2525
MAIL_USERNAME=null
MAIL_PASSWORD=null
MAIL_ENCRYPTION=null
PUSHER_APP_ID=
PUSHER_APP_KEY=
PUSHER_APP_SECRET=
PUSHER_APP_CLUSTER=mt1
MIX PUSHER APP KEY="${PUSHER APP KEY}"
MIX_PUSHER_APP_CLUSTER="${PUSHER_APP_CLUSTER}"
```

# **AULA 02 - CRIANDO TABELAS ONE TO ONE**

Relacionamento entre países e suas localizaçõs (latitude e longite) - (1 país tem 1 localização e cada localização pertence a 1 país).

# Criando o model Country com a migration

php artisan make:model Models\Country -m

```
λ php artisan make:model Models\Country -m
Model created successfully.
Created Migration: 2020_09_11_170324_create_countries_table
```

## app\Models\Country.php

<?php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Country extends Model
{
    //
}</pre>
```

# $database \verb|\migrations|| 2020\_09\_11\_170324\_create\_countries\_table.php$

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateCountriesTable extends Migration
{
    /**
    * Run the migrations.
    *
    * @return void
    */
    public function up()
    {
        Schema::create('countries', function (Blueprint $table) {
            $table->increments('id');
            $table->string('name', 150)->unique();
            $table->timestamps();
            });
    }
}
```

```
/**

* Reverse the migrations.

*

* @return void

*/

public function down()

{

Schema::droplfExists('countries');
}
```

# Criando o model Location com a migration

php artisan make:model Models\Location -m

C:\laragon\www\laravel-relationships

```
λ php artisan make:model Models\Location -m
 Created Migration: 2020 09 11 171018 create locations table
app\Models\Location.php
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Location extends Model
 //
}
database\migrations\2020_09_11_171018_create_locations_table.php
<?php
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
class CreateLocationsTable extends Migration
  * Run the migrations.
  * @return void
```

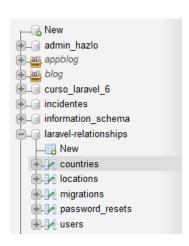
```
*/
  public function up()
    Schema::create('locations', function (Blueprint $table) {
      $table->increments('id');
       $table->integer('country_id')->unsigned();
       $table->decimal('latitude', 11, 7)->nullable();
       $table->decimal('longitude', 11, 7)->nullable();
       $table->timestamps();
      $table->foreign('country_id')->references('id')->on('countries')->onDelete('cascade');
    });
  }
   * Reverse the migrations.
   * @return void
  public function down()
    Schema::dropIfExists('locations');
  }
}
```

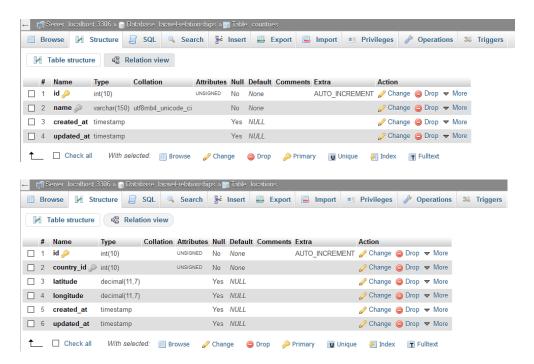
# Executando as migrations para criar as tabelas

## php artisan migrate

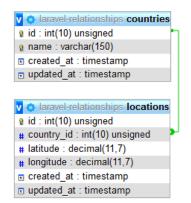
```
C:\laragon\www\laravel-relationships

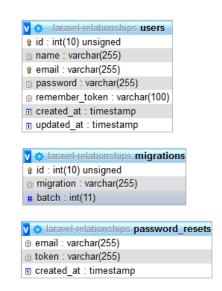
λ php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2020_09_11_170324_create_countries_table
Migrated: 2020_09_11_170324_create_countries_table
Migrating: 2020_09_11_171018_create_locations_table
Migrated: 2020_09_11_171018_create_locations_table
```





## More → Designer





# **AULA 03 - RELACIONAMENTOS ONE TO ONE**

# Populando as tabelas countries e locations

#### **Tabela countries**

```
insert into `countries` (`name`, `created at`, `updated at`) values ('Andorra',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Emirados Árabes
Unidos',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Afeganistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Antígua e Barbuda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Anguilla',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Albânia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Armênia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Antilhas Holandesas',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Angola',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Antártida',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Argentina',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Samoa Americana',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Áustria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Austrália',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Aruba',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Aland',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Azerbaijão',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Bósnia-Herzegovina',now(),now());
insert into `countries' (`name`, `created at`, `updated at`) values ('Barbados',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Bangladesh',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Bélgica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Burquina Faso',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Bulgária',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Bahrain',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Burundi',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Benin',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('São Bartolomeu',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Bermudas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Brunei',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Bolívia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Brasil',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Bahamas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Butão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha Bouvet',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Botsuana',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Belarus',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Belize',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Canadá',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Coco',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Congo-Kinshasa',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('República Centro-
Africana',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Congo',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suíça',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Costa do Marfim',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Cook',now(),now());
```

```
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Chile',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('República dos
Camarões',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('China',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Colômbia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Costa Rica',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Sérvia e Montenegro',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cuba',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cabo Verde',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Natal',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Chipre',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República Tcheca',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Alemanha',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Djibuti',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Dinamarca',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Dominica',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('República Dominicana',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Argélia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Equador',now(),now()); insert into `countries`(`name`, `created_at`, `updated_at`) values ('Estônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Egito',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Saara Ocidental',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eritreia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Espanha',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Etiópia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Finlândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Fiji',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Ilhas Malvinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Micronésia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Faroe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('França',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gabão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Reino Unido',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Granada',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Geórgia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiana Francesa',now(),now());
insert\ into\ `countries`(`name`,\ `created\_at`,\ `updated\_at`)\ values\ ('Guernsey',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gana',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gibraltar',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Groenlandia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Gâmbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiné',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guadalupe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiné Equatorial',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Grécia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Geórgia do Sul e Ilhas Sandwich do
Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guatemala',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guam',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Guiné Bissau',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Guiana',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Hong Kong, Região Admin. Especial
da China',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha Heard e Ilhas
McDonald',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Honduras',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Croácia',now(),now());
```

```
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Haiti',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Hungria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Indonésia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Irlanda',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Israel',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Ilha de Man',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Índia',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Território Britânico do Oceano
Índico',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Iraque',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Irã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Islândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Itália',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Jersey',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Jamaica',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Jordânia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Japão',now(),now());
insert into 'countries' ('name', 'created_at', 'updated_at') values ('Quênia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Quirguistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Camboja',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Quiribati',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Comores',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('São Cristovão e Nevis',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Coreia do Norte',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Coreia do Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Kuwait',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Caiman',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Casaquistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República Popular Democrática do
Laos',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Líbano',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Santa Lúcia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Liechtenstein',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Sri Lanka',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Libéria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Lesoto',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Lituânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Luxemburgo',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Letônia',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Líbia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Marrocos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mônaco',now()),
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Moldávia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Montenegro',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('São Martinho',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Madagascar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Marshall',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Macedônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mali',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mianmar',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Mongólia',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Macau, Região Admin. Especial da
China',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Marianas do
Norte',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Martinica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mauritânia',now(),now());
```

```
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Montserrat',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Malta',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Maurício',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Maldivas',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Malawi',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('México',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Malásia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Moçambique',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Namíbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nova Caledônia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Níger',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha Norfolk',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nigéria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nicarágua',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Holanda',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Noruega',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Nepal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nauru',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Niue',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nova Zelândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Omã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Panamá',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Peru',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Polinésia Francesa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Papua-Nova Guiné',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Filipinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Paquistão',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Polônia',now(),now());
insert into 'countries' ('name', 'created_at', 'updated_at') values ('Saint Pierre e
Miquelon',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Pitcairn',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Porto Rico',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Território da Palestina',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Portugal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Palau',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Paraguai',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Catar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Reunião',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Romênia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Sérvia',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Rússia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ruanda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Arábia Saudita',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Salomão',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Seychelles',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Sudão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suécia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cingapura',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Santa Helena',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eslovênia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Svalbard e Jan Mayen',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eslováquia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Serra Leoa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('San Marino',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Senegal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Somália',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Suriname',now(),now());
```

```
insert into `countries` (`name`, `created_at`, `updated_at`) values ('São Tomé e Príncipe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('El Salvador',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Síria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suazilândia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Ilhas Turks e Caicos',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Chade',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Territórios Franceses do
Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Togo',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tailândia',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Tadjiquistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tokelau',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Timor Leste',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Turcomenistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tunísia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Tonga',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Turquia',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Trinidad e Tobago',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tuvalu',now(),now());
insert\ into\ `countries`(`name`,\ `created\_at`,\ `updated\_at`)\ values\ ('Taiwan',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tanzânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ucrânia',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Uganda',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Ilhas Menores Distantes dos Estados
Unidos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Estados Unidos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Uruguai',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('Uzbequistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vaticano',now(),now());
insert into 'countries' ('name', 'created_at', 'updated_at') values ('São Vicente e
Granadinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Venezuela',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Ilhas Virgens Britânicas',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Ilhas Virgens dos EUA',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vietnã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vanuatu',now(),now());
insert\ into\ `countries`(`name`,\ `created\_at`,\ `updated\_at`)\ values\ ('Wallis\ e\ Futuna',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Samoa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('lêmen',now(),now());
insert into `countries`(`name`, `created at`, `updated at`) values ('Mayotte',now(),now());
insert into `countries` (`name`, `created at`, `updated at`) values ('África do Sul',now(),now());
insert into 'countries' ('name', 'created at', 'updated at') values ('Zâmbia',now(),now());
```

#### **Tabela locations**

```
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (1,
42.506285,1.521801,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (2,
23.424076,53.847818,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (3,
33.93911,67.709953,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (4,
17.060816,-61.796428,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (5,
18.220554,-63.068615,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (6,
41.153332,20.168331,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (7,
40.069099,45.038189,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (8, 17.05,-
61.8,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (9, -
11.202692,17.873887,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (10,-
75.250973,-0.071389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (11,-
38.416097,-63.616672,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (12,-
14.3016396,-170.6961815,now(),now());
insert into `locations` ('country_id', `latitude', `longitude', `created_at', `updated_at') values (13,
47.516231,14.550072,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (14, -
25.274398,133.775136,now(),now());
insert into `locations` (`country id`, `latitude`, `longitude`, `created at`, `updated at`) values (15,
12.52111,-69.968338,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (16,
60.1785247,19.9156105,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (17,
40.143105,47.576927,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (18,
43.915886,17.679076,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (19,
13.193887,-59.543198,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (20,
23.684994,90.356331,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (21,
50.7573733,5.4823477,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (22,
12.238333,-1.561593,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (23,
42.733883,25.48583,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (24,
26.0667,50.5577,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (25, -
3.373056,29.918886,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (26,
9.30769,2.315834,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (27, 17.9,-
62.833333,now(),now());
```

```
32.3078,-64.7505,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (29,
4.535277,114.727669,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (30, -
16.290154,-63.588653,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (31, -
14.235004,-51.92528,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (32,
25.03428,-77.39628,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (33,
27.514162,90.433601,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (34, -
54.423199,3.413194,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (35, -
22.328474,24.684866,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (36,
53.709807,27.953389,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (37,
17.189877,-88.49765,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (38,
56.130366,-106.346771,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (39, -
12.1706919,96.8417478,now(),now());
insert into `locations`('country id', 'latitude', 'longitude', 'created at', 'updated at') values (40, -
4.4419311,15.2662931,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (41,
6.611111,20.939444,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (42, -
0.228021,15.827659,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (43,
46.818188,8.227512,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (44,
7.539989,-5.54708,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (45, -
21.236736,-159.777671,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (46, -
35.675147,-71.542969,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (47,
NULL, NULL, now(), now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (48,
35.86166,104.195397,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (49,
4.570868,-74.297333,now(),now());
insert into `locations` (`country id`, `latitude`, `longitude`, `created at`, `updated at`) values (50,
9.748917,-83.753428,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (51,
NULL,NULL,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (52,
21.521757, -77.781167,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (53,
15.120142,-23.6051868,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (54, -
10.447525,105.690449,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (55,
35.126413,33.429859,now(),now());
```

insert into 'locations' ('country\_id', 'latitude', 'longitude', 'created\_at', 'updated\_at') values (28,

```
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (56,
49.817492,15.472962,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (57,
51.165691,10.451526,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (58,
11.5720765,43.1456475,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (59,
56.26392,9.501785,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (60,
15.414999,-61.370976,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (61,
18.735693,-70.162651,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (62,
28.033886,1.659626,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (63, -
1.831239,-78.183406,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (64,
58.595272,25.013607,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (65,
26.820553,30.802498,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (66,
24.215527,-12.885834,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (67,
15.179384,39.782334,now(),now());
insert into `locations` (`country id`, `latitude`, `longitude`, `created at`, `updated at`) values (68,
40.463667,-3.74922,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (69,
9.145,40.489673,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (70,
61.92411,25.748151,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (71, -
17.713371,178.065032,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (72, -
51.796253,-59.523613,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (73,
6.8874581,158.2225229,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (74,
61.892635,-6.911806,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (75,
46.227638,2.213749,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (76, -
0.803689,11.609444,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (77,
53.7190281,-2.0727839,now(),now());
insert into `locations` (`country id`, `latitude`, `longitude`, `created at`, `updated at`) values (78,
12.1165,-61.679,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (79,
42.315407,43.356892,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (80,
3.933889,-53.125782,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (81,
49.465691,-2.585278,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (82,
7.946527,-1.023194,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (83,
36.140751,-5.353585,now(),now());
```

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71.706936,-42.604303,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (85,
13.443182,-15.310139,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (86,
9.945587,-9.696645,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (87,
16.265,-61.551,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (88,
1.650801,10.267895,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (89,
39.074208,21.824312,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (90, -
54.429579,-36.587909,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (91,
14.6349149,-90.5068824,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (92,
13.444304,144.793731,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (93,
11.803749,-15.180413,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (94,
4.860416,-58.93018,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (95,
NULL, NULL, now(), now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (96, -
53.08181,73.504158,now(),now());
insert into `locations` ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (97,
15.199999,-86.241905,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (98,
45.1,15.2,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (99,
18.971187,-72.285215,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (100,
47.162494,19.503304,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (101, -
0.789275,113.921327,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (102,
53.41291,-8.24389,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (103,
31.046051,34.851612,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (104,
54.236107,-4.548056,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (105,
20.593684,78.96288,now(),now());
insert into `locations` (`country id', `latitude', `longitude', `created at', `updated at') values (106, -
7.3346232,72.4242508,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (107,
33.223191,43.679291,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (108,
35.8517933,52.1713236,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (109,
64.963051,-19.020835,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (110,
41.87194,12.56738,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (111,
49.214439,-2.13125,now(),now());
```

insert into 'locations' ('country\_id', 'latitude', 'longitude', 'created\_at', 'updated\_at') values (84,

```
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (112,
18.109581,-77.297508,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (113,
30.585164,36.238414,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (114,
36.204824,138.252924,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (115, -
0.023559,37.906193,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (116,
41.20438,74.766098,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (117,
12.565679,104.990963,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (118,
1.8709422,-157.3628595,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (119, -
11.6455,43.3333,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (120,
17.357822,-62.782998,now(),now());
insert into `locations`('country id', 'latitude', 'longitude', 'created at', 'updated at') values (121,
40.339852,127.510093,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (122,
35.907757,127.766922,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (123,
29.31166,47.481766,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (124,
19.3133,-81.2546,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (125,
48.019573,66.923684,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (126,
NULL,NULL,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (127,
33.854721,35.862285,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (128,
13.909444,-60.978893,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (129,
47.166,9.555373,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (130,
7.873054,80.771797,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (131,
6.428055,-9.429499,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (132, -
29.609988,28.233608,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (133,
55.169438,23.881275,now(),now());
insert into `locations`('country id', 'latitude', 'longitude', 'created at', 'updated at') values (134,
49.815273,6.129583,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (135,
56.879635,24.603189,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (136,
26.3351,17.228331,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (137,
31.791702,-7.09262,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (138,
43.7384176,7.4246158,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (139,
47.411631,28.369885,now(),now());
```

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insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (140,
42.708678,19.37439,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (141,
18.08255,-63.052251,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (142, -
18.766947,46.869107,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (143,
11.3246908,166.8417424,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (144,
41.608635,21.745275,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (145,
17.570692,-3.996166,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (146,
21.916221,95.955974,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (147,
46.862496,103.846656,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (148,
22.198745,113.543873,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (149,
15.0979,145.6739,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (150,
14.641528,-61.024174,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (151,
21.00789,-10.940835,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values
(152,16.742498,-62.187366,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (153,
48.3597197,-107.8742831,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (154, -
20.348404,57.552152,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (155,
1.9772276,73.536101,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (156, -
13.254308,34.301525,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (157,
23.634501,-102.552784,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (158,
4.210484,101.975766,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (159, -
18.665695,35.529562,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (160, -
22.95764,18.49041,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (161, -
20.904305,165.618042,now(),now());
insert into `locations`('country id', 'latitude', 'longitude', 'created at', 'updated at') values (162,
17.607789,8.081666,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (163, -
29.040835,167.954712,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (164,
9.081999,8.675277,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (165,
12.865416,-85.207229,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (166,
52.132633,5.291266,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (167,
60.472024,8.468946,now(),now());
```

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insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (168,
28.394857,84.124008,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (169, -
0.522778,166.931503,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (170, -
19.054445,-169.867233,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (171, -
40.900557,174.885971,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (172,
21.4735329,55.975413,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (173,
8.9823792,-79.5198696,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (174, -
9.189967,-75.015152,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (175, -
17.679742,-149.406843,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (176, -
6.314993,143.95555,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (177,
12.879721,121.774017,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (178,
30.375321,69.345116,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (179,
51.919438,19.145136,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (180,
46.8852,-56.3159,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (181, -
24.3767537,-128.3242376,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (182, -
22.7713328,-53.266603,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (183,
31.952162,35.233154,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (184,
39.399872,-8.224454,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (185,
7.51498,134.58252,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (186, -
23.442503,-58.443832,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (187,
25.354826,51.183884,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (188, -
21.115141,55.536384,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (189,
45.943161,24.96676,now(),now());
insert into `locations`('country id', 'latitude', 'longitude', 'created at', 'updated at') values (190,
44.016521,21.005859,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (191,
61.52401,105.318756,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (192, -
1.940278,29.873888,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (193,
23.885942,45.079162,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (194, -
9.64571,160.156194,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (195, -
4.679574,55.491977,now(),now());
```

```
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (196,
12.862807,30.217636,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (197,
60.128161,18.643501,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (198,
1.352083,103.819836,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (199, -
15.9654353,-5.7115281,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (200,
46.151241,14.995463,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (201,
77.553604,23.670272,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (202,
48.669026,19.699024,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (203,
8.460555,-11.779889,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (204,
43.94236,12.457777,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (205,
14.497401,-14.452362,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (206,
5.152149,46.199616,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (207,
3.919305,-56.027783,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (208,
0.18636,6.613081,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (209,
13.794185,-88.89653,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (210,
34.802075,38.996815,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (211, -
26.522503,31.465866,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (212,
21.694025,-71.797928,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (213,
15.454166,18.732207,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (214,
NULL,NULL,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (215,
8.619543,0.824782,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (216,
15.870032,100.992541,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (217,
38.861034,71.276093,now(),now());
insert into `locations` (`country id', `latitude', `longitude', `created at', `updated at') values (218, -
9.2002,-171.8484,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (219, -
8.874217,125.727539,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (220,
38.969719,59.556278,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (221,
33.886917,9.537499,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (222, -
21.178986,-175.198242,now(),now());
insert into 'locations'('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (223,
38.963745,35.243322,now(),now());
```

```
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (224,
10.691803,-61.222503,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (225, -
7.4784205,178.679924,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (226,
23.69781,120.960515,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (227, -
6.369028,34.888822,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (228,
48.379433,31.16558,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (229,
1.373333,32.290275,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (230,
19.2823192,166.647047,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (231,
37.09024,-95.712891,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (232, -
32.522779,-55.765835,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (233,
41.377491,64.585262,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (234,
41.902916,12.453389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (235,
13.2528179,-61.1971628,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (236,
6.42375,-66.58973,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (237,
18.420695,-64.639968,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (238,
NULL, NULL, now(), now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (239,
14.058324,108.277199,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (240, -
15.376706,166.959158,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (241, -
14.2938,-178.1165,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (242, -
13.759029,-172.104629,now(),now());
insert into 'locations' ('country_id', 'latitude', 'longitude', 'created_at', 'updated_at') values (243,
15.552727,48.516388,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (244, -
12.8275,45.166244,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at`) values (245, -
30.559482,22.937506,now(),now());
insert into 'locations' ('country id', 'latitude', 'longitude', 'created at', 'updated at') values (246, -
13.133897,27.849332,now(),now());
```

# Criando o controller OneToOneController

php artisan make:controller OneToOneController

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller OneToOneController
Controller created successfully.
```

## **Rotas**

#### Controller

# app\Http\Controllers\OneController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\Location;
use Illuminate\Http\Request;
class OneToOneController extends Controller
{
  public function index(){
    $states = State::all()->sortByDesc("id");
    $total states = State::all()->count();
    $country = Country::find(31);
    // dd($countries->pluck('id','name'));
    return view('states/index', compact('states', 'total_states', 'country'));
  public function show($id){
    // Procurando dados de um país pelo seu id
    // $country = Country::find($id);
    $country = Country::where('id', $id)->get()->first();
    if($country){
       $location = $country->location;
       return view('includes/location', compact('country', 'location'));
    } else {
       $location = "<h3>Não existe país registrado com este id!</h3>";
       return $location;
    }
  public function busca_country($name){
    // Procurando dados de um país por seu nome
    $country = Country::where('name', $name)->get()->first();
    if($country){
       $location = $country->location;
       return view('includes/location', compact('country', 'location'));
       $location = "<h3>Não existe país registrado com este nome!</h3>";
       return $location;
    }
}
```

## Model

# app\Models\Country.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Country extends Model
{
   public function location(){
     return $this->hasOne(Location::class);
   }
}
```

#### **Views**

## resources\views\layouts\app.blade.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <!-- Scripts -->
  <script type="text/javascript" src="{{ url('assets/js/bootstrap.js') }}"></script>
  <!-- Styles -->
  k rel="stylesheet" type="text/css" href="{{ url('assets/css/bootstrap.css') }}">
  k rel="stylesheet" type="text/css" href="{{ url('assets/css/styles.css') }}">
  <title>@yield("title")</title>
</head>
<body>
  @yield('content')
</body>
</html>
```

## public\assets\css\styles.css

```
.titulo{
   background-color: rgba(0, 0, 255, 0.1);
  padding: 10px;
  text-transform: uppercase;
}
```

```
.total_registros{
  color: brown;
  padding: 10px;
  display: inline;
  float: right;
}
```

## resources\views\countries\index.blade.php

```
@extends('layouts.app')
@section('title', 'Listagem de países')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
    <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de países: {{$total_countries}}</h5>
    </div>
    <div style="clear:both" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Países</h3>
      </div>
      <thead>
         Id
         Nome do país
         Informações
        </thead>
        @forelse ($countries as $country)
             {{$country->id}}
             {{$country->name}}
             <a href="/one-to-one/country/{{$country->id}}">Coordenadas</a>
           @empty
           Não há nenhum país registrado!
         @endforelse
        </div>
    <br>
   </div>
   <div class="col-md-3"></div>
 </div>
@endsection
```

# http://laravel-relationships.test/one-to-one/countries



Total de países: 247

| Países |                 |             |
|--------|-----------------|-------------|
| Id     | Nome do país    | Informações |
| 247    | Zimbábue        | Coordenadas |
| 246    | Zâmbia          | Coordenadas |
| 245    | África do Sul   | Coordenadas |
| 244    | Mayotte         | Coordenadas |
| 243    | lêmen           | Coordenadas |
| 242    | Samoa           | Coordenadas |
| 241    | Wallis e Futuna | Coordenadas |
| 240    | Vanuatu         | Coordenadas |
| 239    | Vietnã          | Coordenadas |

ı

# resources\views\includes\location.blade.php

# Busca por id do país

http://laravel-relationships.test/one-to-one/country/245



# Busca por nome do país

http://laravel-relationships.test/one-to-one/country\_name/Estados Unidos



# **AULA 04 - RELACIONAMENTO ONE TO ONE INVERSO**

#### **Rotas**

## **Controller**

## app\Http\Controllers\OneToOneController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\Location;
use Illuminate\Http\Request;
class OneToOneController extends Controller
{
   public function index(){
     $countries = Country::all()->sortByDesc("id");
     // dd($countries->pluck('id','name'));
     $total_countries = Country::all()->count();
     return view('countries/index', compact('countries','total_countries'));
}

public function show($id){
     // Procurando dados de um país pelo seu id

     // $country = Country::rind($id);
     $country = Country::where('id', $id)->get()->first();
```

```
if($country){
    $location = $country->location;
    return view('includes/location', compact('country', 'location'));
    $location = "<h3>Não existe país registrado com este id!</h3>";
    return $location;
  }
}
public function new(){
  $dataCountry = [
    'name' => 'Zimbábue'
  $country = Country::create($dataCountry);
  $dataLocation = [
    'latitude' => -19.015438,
    'longitude' => 29.154857
  ];
  $location = new Location;
  $location->country id = $country->id;
  $location->latitude = $dataLocation['latitude'];
  $location->longitude = $dataLocation['longitude'];
  $location->save();
  return redirect('/one-to-one/countries');
}
public function busca_country($name){
  // Procurando dados de um país por seu nome
  $country = Country::where('name', $name)->get()->first();
  if($country){
    $location = $country->location;
    return view('includes/location', compact('country', 'location'));
    $location = "<h3>Não existe país registrado com este nome!</h3>";
    return $location;
  }
public function busca_latitude($latitude){
  $location = Location::where('latitude', $latitude)->get()->first();
  if($location){
    $country = $location->country;
    return view('includes/location', compact('country', 'location'));
    $country = "<h3>Não encontrado país com esta latitude!!</h3>";
    return $country;
  }
```

```
public function busca_longitude($longitude){
    $location = Location::where('longitude', $longitude)->get()->first();

if($location){
    $country = $location->country;
    return view('includes/location', compact('country', 'location'));
} else {
    $country = "<h3>Não encontrado país com esta longitude!!</h3>";
    return $country;
}
}
```

#### Model

## app\Models\Location.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Location extends Model
{
   public function country(){
     return $this->belongsTo(Country::class);
   }
}
```

## **Busca por latitude**

http://laravel-relationships.test/one-to-one-inverse/latitude/-18.7669470



## **Busca por longitude**

http://laravel-relationships.test/one-to-one-inverse/longitude/38.9968150



## **AULA 05 - RELACIONAMENTO ONE TO ONE INSERT**

## routes\web.php <?php One to One Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country\_name/{name}', 'OneToOneController@busca\_nome'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca\_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca\_longitude'); Route::get('/', function () { return view('welcome'); **})**; app\Http\Controllers\OneToOneController.php <?php namespace App\Http\Controllers; use App\Models\Country; use App\Models\Location; use Illuminate\Http\Request; class OneToOneController extends Controller public function index(){ \$countries = Country::all()->sortByDesc("id"); // dd(\$countries->pluck('id','name')); \$total countries = Country::all()->count(); return view('countries/index', compact('countries','total\_countries')); }

public function show(\$id){

// Procurando dados de um país pelo seu id

\$country = Country::where('id', \$id)->get()->first();

// \$country = Country::find(\$id);

```
if($country){
      $location = $country->location;
      return view('includes/location', compact('country', 'location'));
      $location = "<h3>Não existe país registrado com este id!</h3>";
      return $location;
   }
 }
 public function new(){
   $dataCountry = [
     'name' => 'Zimbábue'
   $country = Country::create($dataCountry);
   $dataLocation = [
     'latitude' => -19.015438,
      'longitude' => 29.154857
   ];
   $location = new Location;
   $location->country id = $country->id;
   $location->latitude = $dataLocation['latitude'];
   $location->longitude = $dataLocation['longitude'];
   $location->save();
   return redirect('/one-to-one/countries');
 public function busca_country($name){
   // Procurando dados de um país por seu nome
   $country = Country::where('name', $name)->get()->first();
   if($country){
      $location = $country->location;
      return view('includes/location', compact('country', 'location'));
      $location = "<h3>Não existe país registrado com este nome!</h3>";
      return $location;
   }
 public function busca_latitude($latitude){
   $location = Location::where('latitude', $latitude)->get()->first();
   if($location){
      $country = $location->country;
      return view('includes/location', compact('country', 'location'));
      $country = "<h3>Não encontrado país com esta latitude!!</h3>";
      return $country;
   }
 }
```

```
public function busca_longitude($longitude){
    $location = Location::where('longitude', $longitude)->get()->first();

if($location){
    $country = $location->country;
    return view('includes/location', compact('country', 'location'));
} else {
    $country = "<h3>Não encontrado país com esta longitude!!</h3>";
    return $country;
}
}
}
```

## http://laravel-relationships.test/one-to-one-insert



Total de países: 247

| Países |                 |             |
|--------|-----------------|-------------|
| Id     | Nome do país    | Informações |
| 247    | Zimbábue        | Coordenadas |
| 246    | Zâmbia          | Coordenadas |
| 245    | África do Sul   | Coordenadas |
| 244    | Mayotte         | Coordenadas |
| 243    | lêmen           | Coordenadas |
| 242    | Samoa           | Coordenadas |
| 241    | Wallis e Futuna | Coordenadas |
| 240    | Vanuatu         | Coordenadas |
| 239    | Vietnã          | Coordenadas |

.

## http://laravel-relationships.test/one-to-one/country/247



## **AULA 06 - CRIANDO TABELAS ONE TO MANY**

Relacionamento entre países e estados (1 país tem muitos estados e cada estado pertence a 1 país) e entre estado e cidades (1 estado tem muitas cidades e cada cidade pertence a 1 estado).

## Criando o controller OneToManyController

php artisan make:controller OneToManyController

```
C:\laragon\www\laravel-relationships \lambda php artisan make:controller OneToManyController Controller created successfully.
```

## Criando o model State com a migration

php artisan make:model Models\State -m

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\State -m
Model created successfully.
Created Migration: 2020_09_12_155738_create_states_table
```

## Criando o model City com a migration

php artisan make:model Models\City -m

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\City -m
Model created successfully.
Created Migration: 2020_09_12_160623_create_cities_table
```

# database\migrations\2020\_09\_12\_155738\_create\_states\_table.php <?php

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
class CreateStatesTable extends Migration
{
  public function up()
  {
    Schema::create('states', function (Blueprint $table) {
       $table->increments('id');
       $table->integer('country_id')->unsigned();
       $table->string('name', 100);
       $table->string('iniials', 10);
       $table->timestamps();
       $table->foreign('country_id')->references('id')->on('countries')->onDelete('cascade');
    });
  public function down()
    Schema::dropIfExists('states');
  }
}
```

#### database\migrations\2020\_09\_12\_160623\_create\_cities\_table.php

```
public function down()
{
    Schema::droplfExists('cities');
}
```

## Executando as migrations para criar as tabelas

php artisan migrate

```
C:\laragon\www\laravel-relationships
λ php artisan migrate
Migrating: 2020_09_12_155738_create_states_table
Migrated: 2020_09_12_155738_create_states_table
Migrating: 2020_09_12_160623_create_cities_table
Migrated: 2020_09_12_160623_create_cities_table
```

#### **Models**

```
app\Models\State.php
```

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class State extends Model
{
    //
}
app\Models\City.php
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class City extends Model
{
    //
//
</pre>
```

## **AULA 07 - RELACIONAMENTO ONE TO MANY**

## Populando as tabelas states e cities

#### **States**

```
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Acre','AC',now(),now());
insert into `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) values
(31,'Alagoas','AL',now(),now());
insert into 'states' ('country id', 'name', 'initials', 'created at', 'updated at') values
(31,'Amazonas','AM',now(),now());
insert into `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) values
(31,'Amapá','AP',now(),now());
insert into 'states' ('country_id', 'name', 'initials', 'created_at', 'updated_at') values
(31,'Bahia','BA',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Ceará','CE',now(),now());
insert into `states` (`country id`, `name`, `initials`, `created at`, `updated at`) values (31, 'Distrito
Federal', 'DF', now(), now());
insert into `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) values (31, 'Espírito
Santo','ES',now(),now());
insert into 'states' ('country id', 'name', 'initials', 'created at', 'updated at') values
(31,'Goiás','GO',now(),now());
insert into 'states' ('country id', 'name', 'initials', 'created at', 'updated at') values
(31,'Maranhão','MA',now(),now());
insert into `states`(`country_id`, `name`, `initials`, `created_at`, `updated_at`) values (31, 'Minas
Gerais','MG',now(),now());
insert into `states` ('country_id', 'name', 'initials', 'created_at', 'updated_at') values (31, 'Mato
Grosso do Sul','MS',now(),now());
insert into `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) values (31, 'Mato
Grosso','MT',now(),now());
insert into `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) values
(31,'Pará','PA',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Paraiba','PB',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Pernambuco','PE',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Piauí','PI',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31, 'Paraná', 'PR', now(), now());
insert into 'states' ('country_id', 'name', 'initials', 'created_at', 'updated_at') values (31, 'Rio de
Janeiro','RJ',now(),now());
insert into 'states' ('country id', 'name', 'initials', 'created at', 'updated at') values (31, 'Rio
Grande do Norte', 'RN', now(), now());
insert into 'states' ('country id', 'name', 'initials', 'created at', 'updated at') values
(31,'Rondônia','RO',now(),now());
```

```
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Roraima','RR',now(),now()); insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Rio Grande do Sul','RS',now(),now()); insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Santa Catarina','SC',now(),now()); insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Sergipe','SE',now(),now()); insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'São Paulo','SP',now(),now()); insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Tocantins','TO',now(),now());
```

```
Cities
INSERT INTO 'cities' ('id', 'name', 'state_id', 'created_at', 'updated_at') VALUES
(1, 'Afonso Cláudio', 8,now(),now()),
(2, 'Água Doce do Norte', 8,now(),now()),
(3, 'Águia Branca', 8,now(),now()),
(4, 'Alegre', 8, now(), now()),
(5, 'Alfredo Chaves', 8,now(),now()),
(6, 'Alto Rio Novo', 8,now(),now()),
(7, 'Anchieta', 8,now(),now()),
(8, 'Apiacá', 8,now(),now()),
(9, 'Aracruz', 8,now(),now()),
(10, 'Atilio Vivacqua', 8,now(),now()),
(11, 'Baixo Guandu', 8,now(),now()),
(12, 'Barra de São Francisco', 8,now(),now()),
(13, 'Boa Esperança', 8,now(),now()),
(14, 'Bom Jesus do Norte', 8,now(),now()),
(15, 'Brejetuba', 8,now(),now()),
(16, 'Cachoeiro de Itapemirim', 8,now(),now()),
(17, 'Cariacica', 8,now(),now()),
(18, 'Castelo', 8,now(),now()),
(19, 'Colatina', 8,now(),now()),
(20, 'Conceição da Barra', 8,now(),now()),
(21, 'Conceição do Castelo', 8,now(),now()),
(22, 'Divino de São Lourenço', 8,now(),now()),
(23, 'Domingos Martins', 8,now(),now()),
(24, 'Dores do Rio Preto', 8,now(),now()),
(25, 'Ecoporanga', 8,now(),now()),
(26, 'Fundão', 8,now(),now()),
(27, 'Governador Lindenberg', 8,now(),now()),
(28, 'Guaçuí', 8,now(),now()),
(29, 'Guarapari', 8,now(),now()),
(30, 'Ibatiba', 8,now(),now()),
(31, 'lbiraçu', 8,now(),now()),
(32, 'Ibitirama', 8,now(),now()),
(33, 'Iconha', 8,now(),now()),
(34, 'Irupi', 8,now(),now()),
(35, 'Itaguaçu', 8,now(),now()),
(36, 'Itapemirim', 8,now(),now()),
(37, 'Itarana', 8,now(),now()),
```

(38, 'lúna', 8,now(),now()),

```
(39, 'Jaguaré', 8,now(),now()),
```

- (40, 'Jerônimo Monteiro', 8,now(),now()),
- (41, 'João Neiva', 8,now(),now()),
- (42, 'Laranja da Terra', 8,now(),now()),
- (43, 'Linhares', 8,now(),now()),
- (44, 'Mantenópolis', 8,now(),now()),
- (45, 'Marataízes', 8,now(),now()),
- (46, 'Marechal Floriano', 8,now(),now()),
- (47, 'Marilândia', 8,now(),now()),
- (48, 'Mimoso do Sul', 8,now(),now()),
- (49, 'Montanha', 8,now(),now()),
- (50, 'Mucurici', 8,now(),now()),
- (51, 'Muniz Freire', 8,now(),now()),
- (52, 'Muqui', 8,now(),now()),
- (53, 'Nova Venécia', 8,now(),now()),
- (54, 'Pancas', 8,now(),now()),
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```
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```

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(5560, 'Tocantinópolis', 27,now(),now()),
(5561, 'Tupirama', 27,now(),now()),
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(5563, 'Wanderlândia', 27,now(),now()),
(5564, 'Xambioá', 27,now(),now());
```

```
routes\web.php
```

```
<?php
One to One
Route::get('/one-to-one/countries', 'OneToOneController@index')->name('countries');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');
Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
One to Many
Route::get('/one-to-many/states', 'OneToManyController@index');
Route::get('/one-to-many/state/{id}', 'OneToManyController@show');
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city');
Route::get('/one-to-many/states/{string}', 'OneToManyController@states_like');
Route::get('/', function () {
  return view('welcome');
});
app\Http\Controllers\OneToManyController.php
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;
class OneToManyController extends Controller
  public function index(){
    $states = State::all()->sortByDesc("id");
    $total_states = State::all()->count();
    $country = Country::find(31);
    // dd($countries->pluck('id','name'));
    return view('states/index', compact('states', 'total_states', 'country'));
  }
```

```
public function show($id){
  // Procurando dados de um Estado pelo seu id
  // $state = State::find($id);
  $state = State::where('id', $id)->get()->first();
  if($state){
    $cities = $state->cities;
    $total_cities = $state->cities->count();
    return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
    $city = "<h3>Não existe Estado registrado com este id!</h3>";
    return $city;
  }
}
public function busca city($name){
  // Procurando dados de um município por seu nome
  $city = City::where('name', $name)->get()->first();
  if($city){
    $state = $city->state;
    $country = $state->country;
    return view('one-to-many/busca_city', compact('city', 'state', 'country'));
  } else {
    $message = "<h3>Não existe município registrado com este nome!</h3>";
    return $message;
  }
}
public function states_like($string){
  $states = State::where('name', 'LIKE', "%$string%")->get();
  $total_states = $states->count();
  return view('states/states_like', compact('states', 'total_states', 'string'));
```

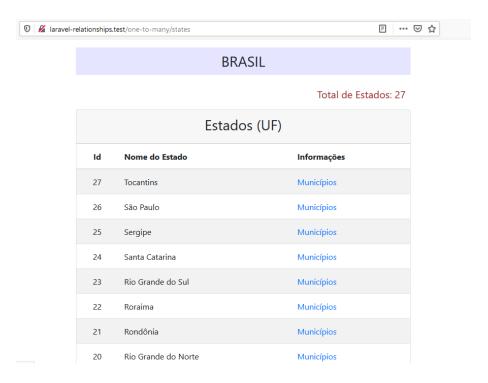
}

@endsection

## resources\views\states\index.blade.php

```
@extends('layouts.app')
@section('title', 'Lista de Estados do Brasil')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
    <h3 class="text-center mt-3 titulo">{{$country->name}}</h3>
     <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de Estados: {{$total_states}}</h5>
     </div>
     <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Estados (UF)</h3>
      </div>
      <thead>
          Id
          Nome do Estado
          Informações
        </thead>
        @forelse ($states as $state)
             {{$state->id}}
             {{$state->name}}
             <a href="/one-to-many/state/{{$state->id}}">Municípios</a>
           @empty
           Não há nenhum país registrado!
           @endforelse
        </div>
    <br>
   </div>
   <div class="col-md-3"></div>
 </div>
```

### http://laravel-relationships.test/one-to-many/states



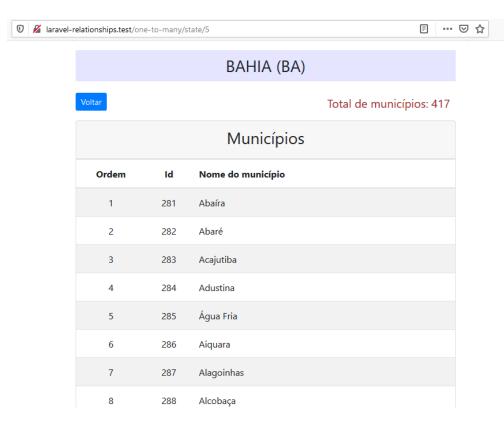
### resources\views\one-to-many\show.blade.php

```
@extends('layouts.app')
@section('title', 'Listagem de municípios do Estado')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
     <h3 class="text-center mt-3 titulo">{{$state->name}} ({{$state->initials}}) </h3>
     <div style="display:block" class="mt-3 mb-3">
       <a href="/one-to-many/states"><button class="btn btn-primary btn-sm mt-
1">Voltar</button></a>
       <h5 class="total_registros">Total de municípios: {{$total_cities}}</h5>
     </div>
     <div style="clear:both;" class="card mt-3">
       <div class="card-header">
         <h3 class="text-center">Municípios</h3>
       </div>
       <thead>
           Ordem
           Id
           Nome do município
         </thead>
```

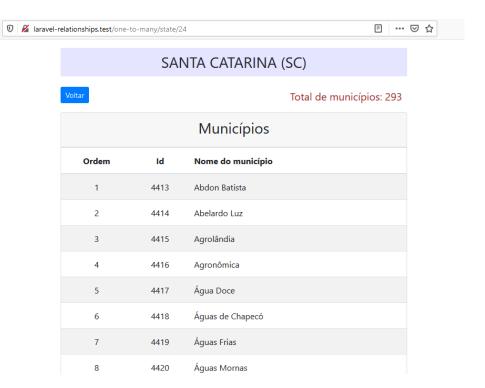
```
@forelse ($cities as $index => $city)
         {{$index + 1}}
         {{$city->id}}
         {{$city->name}}
        @empty
        Não há nenhum município registrado!
      @endforelse
     </div>
   <br>
 </div>
 <div class="col-md-3"></div>
</div>
@endsection
```

# Busca de dados de um Estado pelo seu id

http://laravel-relationships.test/one-to-many/state/5



# http://laravel-relationships.test/one-to-many/state/24

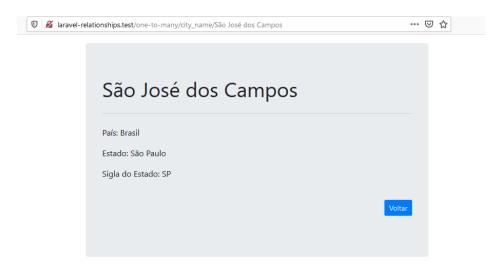


# Busca de dados pelo nome da cidade

# resources\views\one-to-many\busca\_city.blade.php

```
@extends('layouts.app')
@section('title', 'Dados do Município')
@section('content')
<div class="row mt-3">
 <div class="col-md-3"></div>
 <div class="col-md-6">
   <div class="jumbotron">
     <h1 class="display-5">{{$city->name}}</h1>
     <hr class="my-4">
     País: {{$country->name}}
     Estado: {{$state->name}}
     Sigla do Estado: {{$state->initials}}
     <br>
     <a class="btn btn-primary btn-sm" href="/one-to-many/states"</pre>
role="button">Voltar</a>
   </div>
 </div>
 <div class="col-md-3"></div>
</div>
@endsection
```

http://laravel-relationships.test/one-to-many/city\_name/São José dos Campos

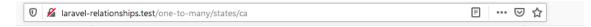


### Busca de um Estado por uma string

## resources\views\states\states\_like.blade.php

```
@extends('layouts.app')
@section('title', 'Lista de Estados com uma string no nome')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">Estados com string "{{$string}}" no nome</h3>
     <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de Estados: {{$total_states}}</h5>
     </div>
     <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Estados (UF)</h3>
      </div>
      <thead>
          Id
          Nome do Estado
          Informações
        </thead>
        @forelse ($states as $state)
             {{$state->id}}
             {{$state->name}}
             <a href="/one-to-many/state/{{$state->id}}">Municípios</a>
           @empty
           Não há nenhum Estado registrado com esta
string!
           @endforelse
        </div>
     <br>
   </div>
   <div class="col-md-3"></div>
 </div>
@endsection
```

# http://laravel-relationships.test/one-to-many/states/ca



# ESTADOS COM STRING "CA" NO NOME

### Total de Estados: 2

| Estados (UF) |                |             |  |  |  |
|--------------|----------------|-------------|--|--|--|
| Id           | Nome do Estado | Informações |  |  |  |
| 24           | Santa Catarina | Municípios  |  |  |  |
| 27           | Tocantins      | Municípios  |  |  |  |

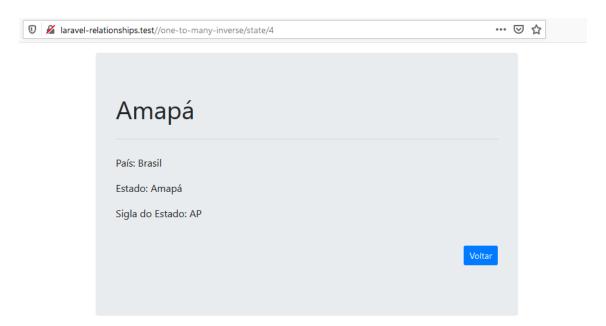
# AULA 08 - RELACIONAMENTO MANY TO ONE

```
routes\web.php
<?php
One to One
Route::get('/one-to-one/countries', 'OneToOneController@index')->name('countries');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');
Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
One to Many
Route::get('/one-to-many/states', 'OneToManyController@index');
Route::get('/one-to-many/state/{id}', 'OneToManyController@show');
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city');
Route::get('/one-to-many/states/{string}', 'OneToManyController@states_like');
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca state');
Route::get('/', function () {
  return view('welcome');
});
app\Http\Controllers\OneToManyController.php
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;
class OneToManyController extends Controller
  public function index(){
    $states = State::all()->sortByDesc("id");
    $total states = State::all()->count();
```

```
$country = Country::find(31);
  // dd($countries->pluck('id','name'));
  return view('states/index', compact('states', 'total_states', 'country'));
}
public function show($id){
  // Procurando dados de um Estado pelo seu id
  // $state = State::find($id);
  $state = State::where('id', $id)->get()->first();
  if($state){
    $cities = $state->cities;
    $total cities = $state->cities->count();
    return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
    $city = "<h3>Não existe Estado registrado com este id!</h3>";
    return $city;
  }
public function busca_city($name){
  // Procurando dados de um município por seu nome
  $city = City::where('name', $name)->get()->first();
  if($city){
    $state = $city->state;
    $country = $state->country;
    return view('includes/state', compact('city', 'state', 'country'));
    $message = "<h3>Não existe município registrado com este nome!</h3>";
    return $message;
  }
}
public function busca_state($id){
  // Busca o país a que pertence o Estado
  $state = State::where('id', $id)->get()->first();
  // dd($state->name);
  if($state){
    $country = $state->country;
    return view('includes/country', compact('country', 'state'));
    $message = "<h3>Não existe Estado registrado com este id!</h3>";
    return $message;
  }
```

}

# http://laravel-relationships.test//one-to-many-inverse/state/4



# AULA 09 - DICAS VALIOSAS SOBRE RELACIONAMENTOS DE TABELAS

# routes\web.php <?php One to One Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country\_name/{name}', 'OneToOneController@busca\_country'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca longitude'); |-----One to Many |-----Route::get('/one-to-many/states', 'OneToManyController@index'); Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); Route::get('/one-to-many/city\_name/{name}', 'OneToManyController@busca\_city'); Route::get('/one-to-many/states/{string}', 'OneToManyController@states\_like'); Route::get('/one-to-many/cities/{string}', 'OneToManyController@cities\_like'); Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca\_state'); Route::get('/', function () { return view('welcome'); **})**; app\Http\Controllers\OneToManyController.php <?php namespace App\Http\Controllers; use App\Models\Country; use App\Models\State; use App\Models\City; use Illuminate\Http\Request;

```
class OneToManyController extends Controller
  public function index(){
    $states = State::all()->sortByDesc("id");
    $total states = State::all()->count();
    $country = Country::find(31);
    // dd($countries->pluck('id','name'));
    return view('states/index', compact('states', 'total_states', 'country'));
  public function show($id){
    // Procurando dados de um Estado pelo seu id
    // $state = State::find($id);
    $state = State::where('id', $id)->get()->first();
    if($state){
      $cities = $state->cities;
      $total cities = $state->cities->count();
      return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
      $city = "<h3>Não existe Estado registrado com este id!</h3>";
      return $city;
    }
  }
  public function busca city($name){
    // Procurando dados de um município por seu nome
    $city = City::where('name', $name)->get()->first();
    if($city){
      $state = $city->state;
      $country = $state->country;
      return view('includes/state', compact('city', 'state', 'country'));
      $message = "<h3>Não existe município registrado com este nome!</h3>";
      return $message;
    }
  }
  public function busca_state($id){
    // Busca o país a que pertence o Estado
    $state = State::where('id', $id)->get()->first();
    // dd($state->name);
    if($state){
      $country = $state->country;
      return view('includes/country', compact('country', 'state'));
      $message = "<h3>Não existe Estado registrado com este id!</h3>";
      return $message;
    }
  }
```

```
public function states like($string){
    $states = State::where('name', 'LIKE', "%$string%")->get();
    $total states = $states->count();
    return view('states/states_like', compact('states', 'total_states', 'string'));
  public function cities_like($string){
    $cities = City::where('name', 'LIKE', "%$string%")->with('state')->get();
    $total_cities = $cities->count();
    return view('cities/cities_like', compact('cities', 'total_cities', 'string'));
}
resources\views\cities\cities_like.blade.php
@extends('layouts.app')
@section('title', 'Lista de Cidades com uma string no nome')
@section('content')
  <div class="row">
    <div class="col-md-3"></div>
    <div class="col-md-6">
    <h3 class="text-center mt-3 titulo">Cidades com string "{{$string}}" no nome</h3>
      <div class="mt-3 mb-2">
        <h5 class="text-right total_registros">Total de Cidades: {{$total_cities}}</h5>
      </div>
      <div style="clear:both;" class="card mt-3">
        <div class="card-header">
          <h3 class="text-center">Cidades</h3>
        </div>
        <thead>
            Id
            Cidade
            Estado
          </thead>
          @forelse ($cities as $city)
              {{$city->id}}
                {{$city->name}}
                {{$city->state->name}} - {{$city->state->initials}}
```

http://laravel-relationships.test/one-to-many/cities/bru



# CIDADES COM STRING "BRU" NO NOME

### Total de Cidades: 4

| Cidades |            |                     |  |  |
|---------|------------|---------------------|--|--|
| Id      | Cidade     | Estado              |  |  |
| 336     | Brumado    | Bahia - BA          |  |  |
| 1661    | Brumadinho | Minas Gerais - MG   |  |  |
| 4459    | Brunópolis | Santa Catarina - SC |  |  |
| 4460    | Brusque    | Santa Catarina - SC |  |  |

# **AULA 11 - ONE TO MANY INSERIR**

use Illuminate\Http\Request;

# routes\web.php <?php One to One Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country name/{name}', 'OneToOneController@busca country'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca longitude'); One to Many Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city\_name/{name}', 'OneToManyController@busca\_city'); # busca de Estado Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states like'); # busca de estados por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new'); Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca\_state'); Route::get('/', function () { return view('welcome'); **})**; app\Http\Controllers\OneToManyController.php <?php namespace App\Http\Controllers; use App\Models\Country; use App\Models\State; use App\Models\City;

```
class OneToManyController extends Controller
  public function index($id=31){
    // $states = State::all()->sortByDesc("id");
    $states = State::where('country_id', $id)->get();
    $total_states = $states->count();
    $country = Country::find($id);
    // dd($countries->pluck('id','name'));
    return view('states/index', compact('states', 'total_states', 'country'));
  public function new(){
    $dataForm = [
      'name' => 'Alaska',
      'initials' => 'AK',
      'country_id' => 231 # Estados Unidos
    ];
    State::create($dataForm);
    return redirect('/one-to-many/states/231');
  public function show($id){
    // Procurando dados de um Estado pelo seu id
    // $state = State::find($id);
    $state = State::where('id', $id)->get()->first();
    if($state){
      $cities = $state->cities;
      $total cities = $state->cities->count();
      return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
      $city = "<h3>Não existe Estado registrado com este id!</h3>";
      return $city;
    }
  }
  public function busca city($name){
    // Procurando dados de um município por seu nome
    $city = City::where('name', $name)->get()->first();
    if($city){
      $state = $city->state;
      $country = $state->country;
      return view('includes/state', compact('city', 'state', 'country'));
      $message = "<h3>Não existe município registrado com este nome!</h3>";
      return $message;
    }
```

```
public function busca_state($id){
     // Busca o país a que pertence o Estado
    $state = State::where('id', $id)->get()->first();
    // dd($state->name);
    if($state){
       $country = $state->country;
       return view('includes/country', compact('country', 'state'));
       $message = "<h3>Não existe Estado registrado com este id!</h3>";
       return $message;
    }
  }
  public function states like($string){
     $states = State::where('name', 'LIKE', "%$string%")->get();
     $total_states = $states->count();
     return view('states/states_like', compact('states', 'total_states', 'string'));
  public function cities_like($string){
     $cities = City::where('name', 'LIKE', "%$string%")->with('state')->get();
    $total_cities = $cities->count();
    return view('cities/cities_like', compact('cities', 'total_cities', 'string'));
  }
}
  Q laravel-relationships.test/one-to-many-insert
```

# **ESTADOS UNIDOS**

□ laravel-relationships.test/one-to-many/states/231

Total de Estados: 1

... ▽

| Estados |                |             |  |  |  |
|---------|----------------|-------------|--|--|--|
| Id      | Nome do Estado | Informações |  |  |  |
| 28      | Alaska         | Cidades     |  |  |  |
|         |                |             |  |  |  |

### Populando a tabela states com os demais Estados dos EUA

```
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Alaska',
'AK',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Alabama',
'AL',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Arkansas',
'AR',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Arizona',
'AZ',now(),now());
INSERT INTO 'states' ('country_id', 'name', 'initials', 'created_at', 'updated_at') VALUES (231, 'California',
'CA',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Colorado',
'CO',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Connecticut', 'CT', now(), now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'District of
Columbia', 'DC',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Delaware',
'DE',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES ('231, Florida',
'FL'.now().now()):
INSERT INTO 'states' ('country_id', 'name', 'initials', 'created_at', 'updated_at') VALUES (231, 'Georgia',
'GA',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Hawaii',
'HI',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'lowa',
'IA',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Idaho',
'ID',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Illinois',
'IL',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Indiana',
'IN',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Kansas',
'KS',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Kentucky',
'KY',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Louisiana',
'LA',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Massachusetts', 'MA', now(), now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Maryland',
'MD',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Maine',
'ME',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Michigan',
'MI',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Minnesota', 'MN', now(), now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Missouri',
'MO',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Mississippi', 'MS', now(), now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Montana',
'MT',now(),now());
```

```
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'North
Carolina', 'NC',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'North
Dakota', 'ND',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Nebraska',
'NE',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'New
Hampshire', 'NH',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'New
Jersey', 'NJ',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'New
Mexico', 'NM',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Nevada',
'NV',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'New York',
'NY',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Ohio',
'OH',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Oklahoma',
'OK',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Oregon',
'OR',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Pennsylvania', 'PA', now(), now());
INSERT INTO `states` (`country id`, `name`, `initials`, `created at`, `updated at`) VALUES (231, 'Rhode
Island', 'RI',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'South
Carolina', 'SC',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'South
Dakota', 'SD',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Tennessee',
'TN',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Texas',
'TX',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Utah',
'UT',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Virginia',
'VA',now(),now());
INSERT INTO `states` (`country_id`, `name`, `initials`, `created_at`, `updated_at`) VALUES (231, 'Vermont',
'VT',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES
(231, 'Washington', 'WA', now(), now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'Wisconsin',
'WI',now(),now());
INSERT INTO 'states' ('country id', 'name', 'initials', 'created at', 'updated at') VALUES (231, 'West
Virginia', 'WV',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Wyoming',
'WY',now(),now());
```

# http://laravel-relationships.test/one-to-many/states/231



# **ESTADOS UNIDOS**

# Total de Estados: 50

| Estados |                      |             |  |  |
|---------|----------------------|-------------|--|--|
| ld      | Nome do Estado       | Informações |  |  |
| 28      | Alaska               | Cidades     |  |  |
| 29      | Alabama              | Cidades     |  |  |
| 30      | Arkansas             | Cidades     |  |  |
| 31      | Arizona              | Cidades     |  |  |
| 32      | California           | Cidades     |  |  |
| 33      | Colorado             | Cidades     |  |  |
| 34      | Connecticut          | Cidades     |  |  |
| 35      | District of Columbia | Cidades     |  |  |
| 36      | Delaware             | Cidades     |  |  |

.

### Populando o Estado do Alaska com cidades

```
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Adak', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Akiachak', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Akiak', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Akutan', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Alakanuk', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Aleknagik', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Allakaket', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Ambler', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Anaktuvuk Pass',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Anchor Point',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Anchorage', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anderson', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Angoon', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Aniak', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Anvik', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Arctic Village',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Atka', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Atqasuk', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Auke Bay', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Barrow', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Beaver', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Bethel', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Bettles Field',
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Big Lake', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Brevig Mission',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Buckland', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Cantwell', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Central', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Chalkyitsik', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Chefornak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Chevak', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chicken', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Chignik', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Chignik Lagoon',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Chignik Lake',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Chitina', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Chugiak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Circle', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Clam Gulch',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Clarks Point',
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Clear', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Coffman Cove',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Cold Bay', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Cooper Landing',
now(),now());
```

```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Copper Center',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Cordova', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Craig', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Crooked Creek',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Deering', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Delta Junction',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Denali National Park',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Dillingham', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Douglas', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Dutch Harbor',
now().now()):
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Eagle', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Eagle River',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Eek', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Egegik', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Eielson Afb',
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Ekwok', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Elfin Cove', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Elim', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Elmendorf Afb',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Emmonak', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Ester', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Fairbanks', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'False Pass', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Fort Greely',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Fort Richardson',
now(),now());
INSERT INTO 'cities'('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Fort Wainwright',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fort Yukon',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Gakona', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Galena', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Gambell', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Girdwood', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Glennallen', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Goodnews Bay',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Grayling', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Gustavus', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Haines', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Healy', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Holy Cross', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Homer', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hoonah', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Hooper Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hope', now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Houston', now(), now());
```

```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Hughes', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Huslia', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hydaburg', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hyder', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'lliamna', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Indian', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Juneau', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kake', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kaktovik', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kalskag', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Kaltag', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Karluk', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kasigluk', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kasilof', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kenai', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Ketchikan', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Kiana', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'King Cove', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'King Salmon',
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kipnuk', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kivalina', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Klawock', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Kobuk', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Kodiak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Kongiganak',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Kotlik', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kotzebue', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Koyuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Koyukuk', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Kwethluk', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Kwigillingok',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Lake Minchumina',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Larsen Bay', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Levelock', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Lower Kalskag',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Manley Hot Springs',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Manokotak',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Marshall', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Mc Grath', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Mekoryuk', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Metlakatla', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Meyers Chuck',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Minto', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Moose Pass',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Mountain Village',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Naknek', now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Napakiak', now(), now());
```

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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Nenana', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'New Stuyahok',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nightmute', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nikiski', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nikolai', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Nikolski', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ninilchik', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Noatak', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Nome', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nondalton', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Noorvik', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'North Pole', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Northway', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Nuiqsut', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nulato', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nunam Iqua',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Nunapitchuk',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Old Harbor',
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Ouzinkie', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Palmer', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Pedro Bay', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Pelican', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Perryville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Petersburg',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Pilot Point', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Pilot Station',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (28, 'Platinum', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Point Baker',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Point Hope',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Point Lay', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Port Alexander',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Port Alsworth',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Port Heiden',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Port Lions', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Prudhoe Bay',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Quinhagak', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Rampart', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Red Devil', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Ruby', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Russian Mission',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Saint George Island',
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Saint Marys',
now(),now());
```

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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Saint Michael',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Saint Paul Island',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Salcha', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Sand Point', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Savoonga', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Scammon Bay',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Selawik', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Seldovia', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Seward', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Shageluk', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Shaktoolik', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Shishmaref',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Shungnak', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Sitka', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Skagway', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Skwentna', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Sleetmute', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Soldotna', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'South Naknek',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Stebbins', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sterling', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Stevens Village',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Sutton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Takotna', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Talkeetna', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Tanacross', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Tanana', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Tatitlek', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Teller', now(), now());
INSERT INTO 'cities'('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Tenakee Springs',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Thorne Bay',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Togiak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Tok', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Toksook Bay',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Trapper Creek',
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Tuluksak', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (28, 'Tuntutuliak',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Tununak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (28, 'Two Rivers',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (28, 'Tyonek', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Unalakleet', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Unalaska', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Valdez', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (28, 'Venetie', now(),now());
```

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INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wainwright', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wales', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ward Cove', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wasilla', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'White Mountain', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Whittier', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Willow', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wrangell', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Yakutat', now(),now());
```

#### Populando o Estado do Alabama com cidades

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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Abbeville', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Abernant', now(), now());
INSERT INTO `cities`(`state id`,`name`,`created_at`,`updated_at`) VALUES (29,'Adamsville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Addison', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Adger', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Akron', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Alabaster', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Alberta', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Albertville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Alexander City',
now().now()):
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Alexandria', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Aliceville', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Allgood', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alma', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alpine', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Alton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Altoona', now(), now());
INSERT\ INTO\ `cities`(`state\_id`,`name`,`created\_at`,`updated\_at`)\ VALUES\ (29,'Andalusia',\ now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Anderson', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Annemanie',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Anniston', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Arab', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ardmore', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ariton', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Arley', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Arlington', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ashford', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ashland', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ashville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Athens', now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Atmore', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Attalla', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Auburn', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Auburn University',
now().now()):
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Autaugaville',
now(),now());
```

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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Axis', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Baileyton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Banks', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Bankston', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bay Minette',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bayou La Batre',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bear Creek',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Beatrice', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Beaverton', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Belk', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bellamy', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Belle Mina', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bellwood', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Berry', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bessemer', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Billingsley', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Birmingham',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Black', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Blountsville',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Boaz', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Boligee', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bon Air', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Bon Secour',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Booth', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Boykin', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Brantley', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bremen', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Brent', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Brewton', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bridgeport', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Brierfield', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Brilliant', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Brooklyn', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Brookside', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Brookwood',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Brownsboro',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Brundidge', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bryant', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bucks', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Buhl', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Burnt Corn',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Burnwell', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Butler', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Bynum', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Calera', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Calvert', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Camden', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Camp Hill', now(), now());
```

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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Campbell', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Capshaw', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Carbon Hill',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cardiff', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Carlton', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Carrollton', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Castleberry',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Catherine', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cecil', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Cedar Bluff',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Centre', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Centreville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Chancellor', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Chapman', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Chatom', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Chelsea', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Cherokee', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Childersburg',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Choccolocco',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Chunchula', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Citronelle', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Clanton', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Clay', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Clayton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cleveland', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Clinton', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Clio', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Clopton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cloverdale', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Coaling', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Coden', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Coffee Springs',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Coffeeville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Coker', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Collinsville', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Columbia', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Columbiana',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cook Springs',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Coosada', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Cordova', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cottondale',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cottonton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cottonwood',
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Courtland', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Cowarts', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Coy', now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Cragford', now(), now());
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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Crane Hill', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Creola', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Cropwell', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Crossville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cuba', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cullman', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Cusseta', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Dadeville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Daleville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Danville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Daphne', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dauphin Island',
now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Daviston', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dawson', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'De Armanville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Deatsville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Decatur', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Deer Park', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Delmar', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Delta', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Demopolis', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Detroit', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Dickinson', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Dixons Mills',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Docena', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dolomite', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dora', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Dothan', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Double Springs',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Douglas', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dozier', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Duncanville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Dutton', now(), now());
INSERT INTO 'cities'('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'East Tallassee',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Eastaboga', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Echola', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Eclectic', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Edwardsville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Eight Mile', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Elba', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Elberta', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Eldridge', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Elkmont', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Elmore', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Elrod', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Emelle', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Empire', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Enterprise', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Epes', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Equality', now(), now());
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INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Estillfork', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Ethelsville', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Eufaula', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Eutaw', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Eva', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Excel', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Fackler', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Fairfield', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Fairhope', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Falkville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Faunsdale', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Fayette', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Fitzpatrick', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Five Points',
now().now()):
INSERT INTO `cities`(`state id`,`name`,`created at`,`updated at`) VALUES (29,'Flat Rock', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Flomaton', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Florala', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Florence', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Foley', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Forest Home',
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, Forkland', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, Fort Davis', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Fort Deposit',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Fort Mitchell',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Fort Payne', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Fort Rucker',
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, Fosters', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Franklin', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Frankville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Frisco City', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Fruitdale', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Fruithurst', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Fulton', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Fultondale', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Furman', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Fyffe', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gadsden', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Gainestown',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gainesville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Gallant', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Gallion', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Gantt', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Garden City',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gardendale',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Gaylesville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Geneva', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Georgiana', now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Geraldine', now(), now());
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INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Gilbertown',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Glen Allen', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Glenwood', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Goodsprings',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Goodwater',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Goodway', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Gordo', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gordon', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Goshen', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Grady', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Graham', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Grand Bay', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Grant', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Graysville', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Green Pond',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Greensboro',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Greenville', now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Grove Hill', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Groveoak', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Guin', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gulf Shores',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Guntersville',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Gurley', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Hackleburg',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Haleyville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Hamilton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Hanceville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hardaway', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Harpersville',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hartford', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Hartselle', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Harvest', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Hatchechubbee',
now().now()):
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Hayden', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Hayneville', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Hazel Green',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Headland', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Heflin', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Helena', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Henagar', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Higdon', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Highland Home',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hillsboro', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hodges', now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Hollins', now(),now());
```

```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Holly Pond',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hollytree', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hollywood', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Holy Trinity',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Honoraville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hope Hull', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Horton', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Houston', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Huntsville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Hurtsboro', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Huxford', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'lder', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Irvington', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Jachin', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Jack', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Jackson', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Jacksons Gap',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Jacksonville',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Jasper', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Jefferson', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Jemison', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Jones', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Joppa', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Kansas', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Kellerman', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Kellyton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Kennedy', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Kent', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Killen', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Kimberly', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, Kinston', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Knoxville', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, Laceys Spring',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Lafayette', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Lanett', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Langston', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lapine', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lawley', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Leeds', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Leesburg', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Leighton', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lenox', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Leroy', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lester', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Letohatchee',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lexington', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lillian', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lincoln', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Linden', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Lineville', now(), now());
```

```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lisman', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Little River', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Livingston', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Loachapoka',
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Lockhart', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Locust Fork',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Logan', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Louisville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Lower Peach Tree',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Lowndesboro',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Loxley', now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Luverne', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Lynn', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Madison', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Magnolia', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Magnolia Springs',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Malcolm', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Malvern', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Maplesville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Marbury', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Margaret', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Marion', now(), now());
INSERT INTO 'cities'('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Marion Junction',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mathews', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Maylene', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Mc Calla', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mc Intosh', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Kenzie', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Mc Shan', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mc Williams',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Megargel', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Melvin', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mentone', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Meridianville',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mexia', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Midland City',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Midway', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Millbrook', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Millerville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Millport', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Millry', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Minter', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Mobile', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Monroeville',
INSERT INTO `cities` ('state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Montevallo',
now(),now());
```

```
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Montgomery',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Montrose', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Moody', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mooresville',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Morris', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Morvin', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Moulton', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Moundville',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Mount Hope',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mount Meigs',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Mount Olive',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Mount Vernon',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Mulga', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Munford', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Muscadine',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Muscle Shoals',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Myrtlewood',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Nanafalia', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Natural Bridge',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Nauvoo', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Needham', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'New Brockton',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'New Castle',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'New Hope', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'New Market',
now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Newbern', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Newton', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Newville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Normal', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Northport', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Notasulga', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Oak Hill', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Oakman', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Odenville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ohatchee', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Oneonta', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Opelika', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Opp', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Orange Beach',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Orrville', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Owens Cross Roads',
now(),now());
```

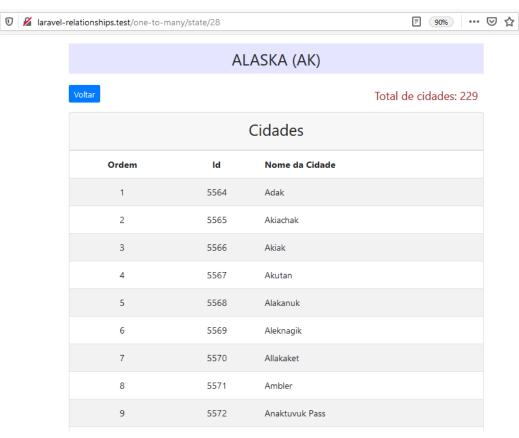
```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Oxford', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Ozark', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Paint Rock', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Palmerdale',
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Panola', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Pansey', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Parrish', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pelham', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pell City', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Pennington',
now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Perdido', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Perdue Hill',
now().now()):
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Perote', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Peterman', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Peterson', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Petrey', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Phenix City',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Phil Campbell',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Piedmont', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pike Road', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pinckard', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Pine Apple', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Pine Hill', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pine Level', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Pinson', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Pisgah', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Pittsview', now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Plantersville',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Pleasant Grove',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Point Clear',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Prattville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Princeton', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Quinton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ragland', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Rainsville', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ralph', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Ramer', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ranburne', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Randolph', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Range', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Red Bay', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Red Level', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Reform', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Remlap', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Repton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'River Falls', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Riverside', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Roanoke', now(),now());
```

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INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Robertsdale',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Rockford', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Rogersville',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Russellville',
now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Rutledge', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ryland', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Safford', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Saginaw', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Saint Elmo', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Saint Stephens',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Salem', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Samantha', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Samson', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Saraland', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sardis', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Satsuma', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Sawyerville',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sayre', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Scottsboro',
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Seale', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Section', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Selma', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Seminole', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Semmes', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Shannon', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Sheffield', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Shelby', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Shorter', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Shorterville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Silas', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Siluria', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Silverhill', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sipsey', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Skipperville',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Slocomb', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Smiths Station',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Somerville', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Spanish Fort',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Spring Garden',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Springville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Spruce Pine',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Stanton', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Stapleton', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Steele', now(), now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Sterrett', now(), now());
```

```
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Stevenson', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Stockton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Sulligent', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Sumiton', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Summerdale',
now(),now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Sunflower', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sweet Water',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sycamore', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Sylacauga', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Sylvania', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Talladega', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Tallassee', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Tanner', now(), now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Theodore', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Thomaston',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Thomasville',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Thorsby', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Tibbie', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Titus', now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Toney', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Town Creek',
now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Townley', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Toxey', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Trafford', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Trenton', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Trinity', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Troy', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Trussville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Tuscaloosa',
now(),now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Tuscumbia',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Tuskegee', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Tuskegee Institute',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Tyler', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Union Grove',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Union Springs',
INSERT INTO `cities` ('state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Uniontown',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Uriah', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Valhermoso Springs',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Valley', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Valley Head',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Vance', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Vandiver', now(), now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Verbena', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Vernon', now(),now());
```

```
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Vina', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Vincent', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Vinegar Bend',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Vinemont', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Vredenburgh',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Wadley', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wagarville', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Walnut Grove',
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Ward', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Warrior', now(),now());
INSERT INTO 'cities'('state id', 'name', 'created at', 'updated at') VALUES (29, 'Waterloo', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Watson', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Wattsville', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Waverly', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Weaver', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Webb', now(), now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wedowee', now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Wellington',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Weogufka', now(), now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'West Blocton',
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'West Greene',
now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Westover', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Wetumpka',
now(),now());
INSERT INTO `cities` (`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Whatley', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Wilmer', now(),now());
INSERT INTO 'cities' ('state id', 'name', 'created at', 'updated at') VALUES (29, 'Wilsonville',
now(),now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Wilton', now(),now());
INSERT INTO `cities` (`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Winfield', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Wing', now(), now());
INSERT INTO `cities`(`state_id`, `name`, `created_at`, `updated_at`) VALUES (29, 'Woodland', now(), now());
INSERT INTO 'cities' ('state_id', 'name', 'created_at', 'updated_at') VALUES (29, 'Woodstock',
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'Woodville', now(), now());
INSERT INTO `cities`(`state id`, `name`, `created at`, `updated at`) VALUES (29, 'York', now(), now());
```

### http://laravel-relationships.test/one-to-many/state/28

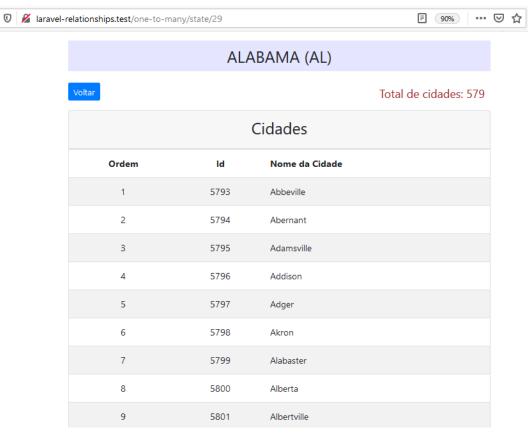


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## http://laravel-relationships.test/one-to-many/state/29



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### **AULA 12 - RELACIONAMENTO HAS MANY THROUGH**

Será usado para criar relacionamentos entre países e cidades.

## Criando o controller OneToManyThroughController

php artisan make:controller OneToManyThroughController

```
\label{lem:controller} C:\label{lem:controller} $$\lambda$ php artisan make:controller OneToManyThroughController Controller created successfully.
```

## Configurando o relacionamento na model Country

### app\Models\Country.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Country extends Model
{
   protected $fillable = ['name'];
   public function location(){
     return $this->hasOne(Location::class);
   }
   public function states(){
     return $this->hasMany(State::class);
   }
   public function cities(){
     return $this->hasManyThrough(City::class, State::class);
   }
}
```

#### **Rotas**

cidades de um país

# routes\web.php <?php |-----I One to One |-----Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country name/{name}', 'OneToOneController@busca country'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca\_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca\_longitude'); One to Many |-----Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city\_name/{name}', 'OneToManyController@busca\_city'); # busca de Estado Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states\_like'); # busca de estados por uma string Route::get('/one-to-many/cities/string)', 'OneToManyController@cities like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new'); Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca\_state'); |-----One to Many Through Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas

#### Controller

### app\Http\Controllers\OneToManyThroughController.php

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
class OneToManyThroughController extends Controller
{
   public function index($id=31){
     $country = Country::find($id);
     $cities = $country->cities;
     $total_cities = $country->cities->count();
     return view('cities/cities_country', compact('country', 'cities', 'total_cities'));
   }
}
```

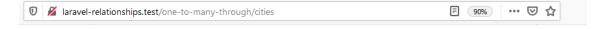
#### View

### resources\views\cities\cities\_country.blade.php

```
@extends('layouts.app')
@section('title', 'Cidades de um país')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">Cidades do País - {{$country->name}}</h3>
     <div class="mt-3 mb-2">
       <h5 class="text-right total_registros">Total de Cidades: {{$total_cities}}</h5>
     </div>
     <div style="clear:both;" class="card mt-3">
       <div class="card-header">
         <h3 class="text-center">Cidades</h3>
       </div>
       <thead>
           Id
           Cidade
```

```
Estado
       </thead>
       @forelse ($cities as $city)
           {{$city->id}}
           {{$city->name}}
           {{$city->state->name}} - {{$city->state->initials}}
         @empty
         Não há nenhuma cidade registrada neste
País!
         @endforelse
       </div>
    <br>
  </div>
  <div class="col-md-3"></div>
 </div>
@endsection
```

http://laravel-relationships.test/one-to-many-through/cities/31



### CIDADES DO PAÍS - BRASIL

Total de Cidades: 5563

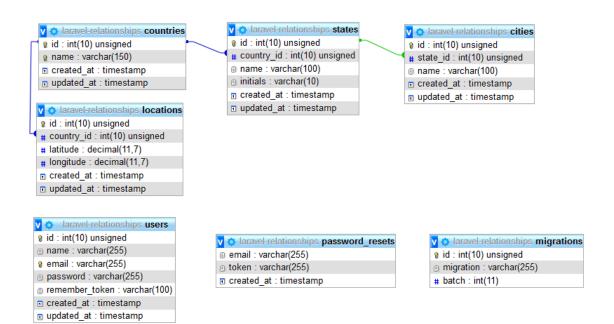
|    | Cidades         |           |
|----|-----------------|-----------|
| ld | Cidade          | Estado    |
| 79 | Acrelândia      | Acre - AC |
| 80 | Assis Brasil    | Acre - AC |
| 81 | Brasiléia       | Acre - AC |
| 82 | Bujari          | Acre - AC |
| 83 | Capixaba        | Acre - AC |
| 84 | Cruzeiro do Sul | Acre - AC |
| 85 | Epitaciolândia  | Acre - AC |
| 86 | Feijó           | Acre - AC |
| 87 | Jordão          | Acre - AC |



### CIDADES DO PAÍS - ESTADOS UNIDOS

#### Total de Cidades: 808

|      | Cidades        |             |
|------|----------------|-------------|
| ld   | Cidade         | Estado      |
| 5564 | Adak           | Alaska - AK |
| 5565 | Akiachak       | Alaska - AK |
| 5566 | Akiak          | Alaska - AK |
| 5567 | Akutan         | Alaska - AK |
| 5568 | Alakanuk       | Alaska - AK |
| 5569 | Aleknagik      | Alaska - AK |
| 5570 | Allakaket      | Alaska - AK |
| 5571 | Ambler         | Alaska - AK |
| 5572 | Anaktuvuk Pass | Alaska - AK |



### **AULA 13 - CRIAR TABELAS MANY TO MANY**

Relacionamentos entre empresas e cidades (Uma empresa pode existir em várias cidades e uma cidade pode ter várias empresas).

### Criando a model Company com a migration

php artisan make:model Models\Company -m

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\Company -m
Model created successfully.
Created Migration: 2020_09_14_200354_create_companies_table
```

## Criando a migration para a tabela pivot

php artisan make:migration create\_city\_companies\_table

### **Migrations**

database\migrations\2020\_09\_14\_200354\_create\_companies\_table.php

### database\migrations\2020\_09\_14\_200817\_create\_city\_companies\_table.php

```
<?php
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
class CreateCityCompaniesTable extends Migration
  public function up()
      Schema::create('city companies', function (Blueprint $table) {
         $table->increments('id');
         $table->integer('city id')->unsigned();
         $table->integer('company_id')->unsigned();
         $table->foreign('city_id')->references('id')->on('cities')->onDelete('cascade');
         $table->foreign('company_id')->references('id')->on('companies')->onDelete('cascade');
      });
  }
  public function down()
    Schema::dropIfExists('city_companies');
}
```

### Criando as tabelas

php artisan migrate

### Populando as tabelas

#### **Tabela companies**

```
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Casas Bahia', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Carrefour', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Magazine Luiza ', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Lojas Americanas', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Lojas Marisa', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Motorola', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Jambev', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Ambev', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Raia Drogasil', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Philco', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Philco', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Philips', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Sky', now(),now());
```

### Tabela company\_cities

```
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,1);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (3315,1);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,2);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (1630,2);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5270,3);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (2878,3);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,4);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (4500,4);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,5);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5252,5);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5270,6);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (4174,6);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5270,7);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (3658,7);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5270,8);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5242,8);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,9);
INSERT INTO `city_companies`(`city_id`, `company_id`) VALUES (756,9);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,10);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (78,10);
INSERT INTO 'city_companies' ('city_id', 'company_id') VALUES (5270,11);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (256,11);
INSERT INTO 'city companies' ('city id', 'company id') VALUES (5270,12);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (4814,12);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,13);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (1314,13);
```

## **AULA 14 - RELACIONAMENTO MANY TO MANY**

## Criando o controller ManyToManyController

php artisan make:controller ManyToManyController

C:\laragon\www\laravel-relationships  $\lambda$  php artisan make:controller ManyToManyController Controller created successfully.

#### **Rotas**

| routes\web.php  |
|---|
| php</th   |
| /*<br>  |
| One to One  |
| */  |
| Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude'); |
| /*<br>  |
| One to Many   |
| <br>*/  |
| Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País  |
| Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome   |
| Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string  |
| Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string  |
| Route::get('/one-to-many-insert', 'OneToManyController@new');   |
| Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');   |

```
| One to Many Through
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas
cidades de um país
| Many to Many
Route::get('/many-to-many/cities/{id?}', 'ManyToManyController@index'); # empresas existentes na
cidade
app\Models\City.php
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class City extends Model
  protected $fillable = ['state_id', 'name'];
  public function state(){
    return $this->belongsTo(State::class);
  public function companies(){
    return $this->belongsToMany(Company::class, 'city_companies');
}
```

#### Controller

### $app \verb|\Http| Controllers| Many To Many Controller.php|$

```
<?php
namespace App\Http\Controllers;
use App\Models\City;
use Illuminate\Http\Request;

class ManyToManyController extends Controller
{
   public function index($name="São Paulo"){
     $city = City::where('name', $name)->get()->first();
     $companies = $city->companies;
     $total_companies = $companies->count();
     return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
   }
}
```

#### **View**

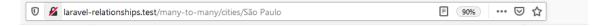
### resources\views\cities\city\_companies.blade.php

```
@extends('layouts.app')
@section('title', 'Empresas na cidade')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">{{$city->name}}</h3>
     <div class="mt-3 mb-2">
       <h5 class="text-right total_registros">Total de empresas: {{$total_companies}}</h5>
     </div>
     <div style="clear:both;" class="card mt-3">
       <div class="card-header">
         <h3 class="text-center">Empresas</h3>
       </div>
       <thead>
           Id
           Empresa
         </thead>
```

```
@forelse ($companies as $company)
          {{$company->id}}
          {{$company->name}}
        @empty
        Não há nenhuma empresa registrada nesta
Cidade!
        @endforelse
      </div>
   <br>
  </div>
  <div class="col-md-3"></div>
 </div>
```

@endsection

http://laravel-relationships.test/many-to-many/cities/São Paulo



### SÃO PAULO

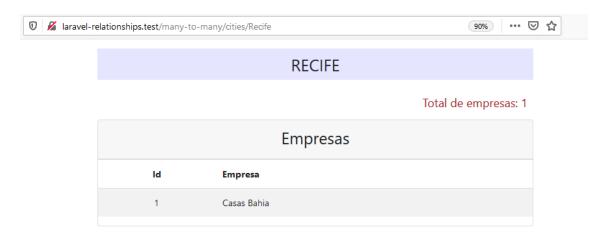
Total de empresas: 13

| Empresas |                  |  |
|----------|------------------|--|
| ld       | Empresa          |  |
| 1        | Casas Bahia      |  |
| 2        | Carrefour        |  |
| 3        | Magazine Luiza   |  |
| 4        | Lojas Americanas |  |
| 5        | Lojas Marisa     |  |
| 6        | Motorola         |  |
| 7        | зм               |  |
| 8        | Pirelli          |  |
| 9        | Ambev            |  |

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## http://laravel-relationships.test/many-to-many/cities/Recife



# **AULA 15 - RELACIONAMENTO MANY TO MANY INVERSO**

### Rotas

| routes\web.php  |
|---|
| php</th   |
| /*<br>  |
| One to One  |
| */  |
| Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');  |
| Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');  |
| / <del>*</del>  |
| One to Many   |
| <br> <br>*/   |
| Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estado por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new'); |
| Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');   |
| /*     One to Many Through  *  */  Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país  |
| /*  |
| /<br> <br>  Many to Many  |
| i many to many  |

Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na cidade

Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca\_company'); # cidades onde existe a empresa

#### Model

#### app\Models\Company.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Company extends Model
{
  protected $fillable = ['name'];
  public function cities(){
    return $this->belongsToMany(City::class, 'city_companies');
  }
}
```

#### **Controller**

### app\Http\Controllers\ManyToManyController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\City;
use App\Models\Company;
use Illuminate\Http\Request;

class ManyToManyController extends Controller
{
   public function index($name="São Paulo"){
      $city = City::where('name', $name)->get()->first();
      $companies = $city->companies;
      $total_companies = $companies->count();
      return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
}
```

```
public function busca_company($name="3M"){
    $company = Company::where('name', $name)->get()->first();
    $cities = $company->cities;
    $total_cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
}
```

#### **View**

#### resources\views\companies\company\_cities.blade.php

```
@extends('layouts.app')
@section('title', 'Cidades em que a empresa existe')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">{{$company->name}}</h3>
    <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de cidades: {{$total_cities}}</h5>
    </div>
    <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Cidades</h3>
      </div>
      <thead>
         Id
         Cidade
        </thead>
        @forelse ($cities as $city)
             {{$city->id}}
             {{$city->name}}
           @empty
           Não há nenhuma cidade em que a empresa está
registrada!
           @endforelse
```

```
</div>
</div>
</div>
<div class="col-md-3"></div>
</div>
@endsection
```

## Inserindo uma nova cidade na qual existe a empresa Philco

INSERT INTO `city\_companies`(`city\_id`,`company\_id`) VALUES (6288,11);



## **AULA 16 - MANY TO MANY INSERT**

### Rotas

| routes\web.php   |
|--|
| php</th  |
| /*<br>   |
| One to One<br>   |
| */   |
| Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country'); |
| Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');   |
| /*<br>   |
|  |
| */   |
| Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País   |
| Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome  |
| Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string   |
| Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string   |
| Route::get('/one-to-many-insert', 'OneToManyController@new');  |
| Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  |
| /*<br>   |
| One to Many Through  |
| */   |

 $Route::get('/one-to-many-through/cities/\{id?\}', 'OneToManyThroughController@index'); \# todas cidades de um país$ 

## Inserindo cidade(s) em uma empresa

#### app\Http\Controllers\ManyToManyController.php

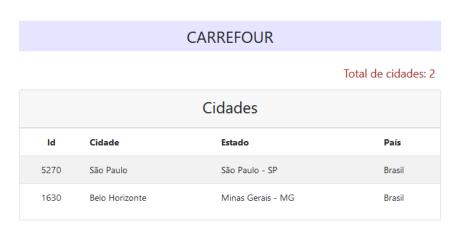
```
<?php
namespace App\Http\Controllers;
use App\Models\City;
use App\Models\Company;
use Illuminate\Http\Request;
class ManyToManyController extends Controller
{
  public function index($name="São Paulo"){
    $city = City::where('name', $name)->get()->first();
    $companies = $city->companies;
    $total_companies = $companies->count();
    return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
  public function busca_company($name="3M"){
    $company = Company::where('name', $name)->get()->first();
    $cities = $company->cities;
    $total cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
  }
  // Cadastra a empresa Carrefour nas cidades especificadas
  public function new(){
    $dataForm = [5270,1630,3645,2976,977]; // Cidades a serem cadastradas (Petrópolis, Londrina,
Goiânia)
    $company = Company::find(2); // Carrefour
    // $cities = $company->cities()->attach($dataForm);
    $cities = $company->cities()->sync($dataForm);
```

```
$cities = $company->cities;
$total_cities = $cities->count();
return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
}
}
```

#### Observações:

- O método attach() insere os registros especificados no array toda vez que a página for recarregada.
- O método sync() insere os registros especificados no array apenas uma vez, nãointeressando quantas vezes a página for recarregada.
- Qualquer um dos dois métodos acima ao ser executado exclui todos os municípios que já estão cadastrados e inserem os que forem passados como parâmetros.

### **Antes**



### **Depois**

http://laravel-relationships.test/many-to-many-insert

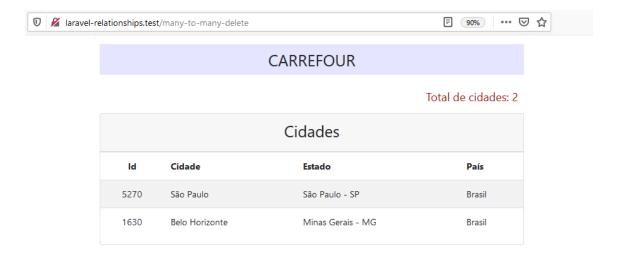


### Excluindo cidade(s) cadastradas na lista da empresa

### app\Http\Controllers\ManyToManyController.php

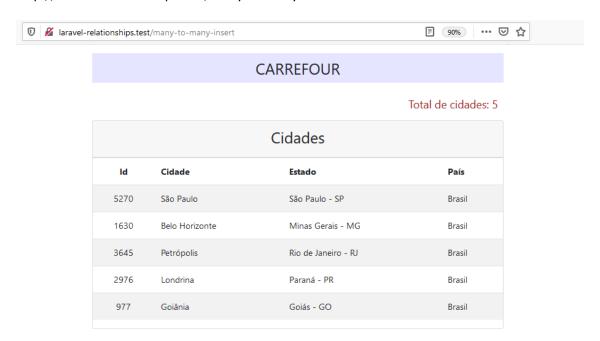
```
<?php
namespace App\Http\Controllers;
use App\Models\City;
use App\Models\Company;
use Illuminate\Http\Request;
class ManyToManyController extends Controller
{
  public function index($name="São Paulo"){
    $city = City::where('name', $name)->get()->first();
    $companies = $city->companies;
    $total_companies = $companies->count();
    return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
  }
  public function busca_company($name="3M"){
    $company = Company::where('name', $name)->get()->first();
    $cities = $company->cities;
    $total cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
  // Cadastra a empresa Carrefour em algumas cidades
  public function new(){
    $dataForm = [5270,1630,3645,2976,977]; // Cidades a serem inseridas (Petrópolis, Londrina,
Goiânia)
    $company = Company::find(2); // Carrefour
    // $cities = $company->cities()->attach($dataForm);
    $cities = $company->cities()->sync($dataForm);
    $cities = $company->cities;
    $total_cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
  }
  public function delete(){
    $dataForm2 = [3645,2976,977]; // Cidades a serem excluídas (Petrópolis, Londrina, Goiânia)
    $company = Company::find(2); // Carrefour
    $cities = $company->cities()->detach($dataForm2);
    $cities = $company->cities;
    $total cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
}
```

### http://laravel-relationships.test/many-to-many-delete



### Voltando a cadastrar as três cidades anteriormente excluídas

http://laravel-relationships.test/many-to-many-insert



### **AULA 17 - RELACIONAMENTO POLYMORPHIC**

Permite, por exemplo, criar uma única tabela de comentários para países, estados e cidades.

### Criando o controller PolymorphicController

php artisan make:controller PolymorphicController

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller PolymorphicController
Controller created successfully.
```

## Criando a model e a migration de Comentários

php artisan make:model Models\Comment -m

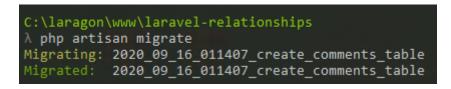
#### Migration

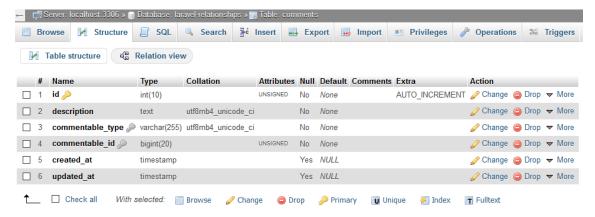
database\migrations\2020\_09\_16\_011407\_create\_comments\_table.php

```
<?php
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
class CreateCommentsTable extends Migration
  public function up()
    Schema::create('comments', function (Blueprint $table) {
      $table->increments('id');
      $table->text('description');
      $table->morphs('commentable');
      $table->timestamps();
    });
  }
  public function down()
    Schema::dropIfExists('comments');
}
```

#### Criando a tabela

#### php artisan migrate





#### **Rotas**

#### routes\web.php

| php</th  |
|--|
| /*<br>   |
| One to One   |
| <br>*/   |
| Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country'); |
| Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');   |
| <b>/</b> *   |
| One to Many  |
| <br>*/   |

Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País

Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city\_name/{name}', 'OneToManyController@busca\_city'); # busca de Estado por nome

Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states\_like'); # busca de estados por uma string Route::get('/one-to-many/cities/string)', 'OneToManyController@cities like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new'); Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca state'); |-----One to Many Through \_\_\_\_\_ Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país |-----| Many to Many |-----Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca\_company'); # cidades onde existe a empresa Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma empresa Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma empresa Polymorphic Route::get('/polymorphics', 'PolymorphicController@index'); Controller app\Http\Controllers\PolymorphicController.php <?php namespace App\Http\Controllers; use App\Models\Country; use App\Models\State; use App\Models\City; use App\Models\Comment; use Illuminate\Http\Request;

```
class PolymorphicController extends Controller
{
    public function index(){
    }
}
```

### Model

### app\Models\Comment.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Comment extends Model
{
   public function Commentable(){
    return $this->morphTo();
   }
}
```

# **AULA 18 - POLYMORPHIC INSERT**

### Rotas

| routes\web.php   |
|--|
| php</th  |
| /*<br>   |
|  |
| */   |
| Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');                             |
| Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');   |
| <b>/*</b>  |
| <br>  One to Many  |
| */   |
| Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome |
| Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string   |
| Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades  |
| <pre>por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');</pre>  |
| Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  |
| <b>/*</b>  |
| One to Many Through  |
| */   |
| Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país  |
| /*   |
| <br>  Many to Many   |
| */   |

Route::get('/polymorphics-insert-country', 'PolymorphicController@comment\_country');

#### **Models**

#### app\Models\City.php

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class City extends Model
{
   protected $fillable = ['state_id', 'name'];
   public function state(){
     return $this->belongsTo(State::class);
   }
   public function companies(){
     return $this->belongsToMany(Company::class, 'city_companies');
   }
   public function comments(){
     return $this->morphMany(Comment::class, 'commentable');
   }
}
```

```
app\Models\State.php
```

```
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class State extends Model
  protected $fillable = ['country_id', 'name', 'initials'];
  public function cities(){
    return $this->hasMany(City::class);
  }
  public function country(){
    return $this->belongsTo(Country::class);
  public function comments(){
    return $this->morphMany(Comment::class, 'commentable');
}
app\Models\Country.php
<?php
namespace App\Models;
use Illuminate\Database\Eloquent\Model;
class Country extends Model
  protected $fillable = ['name'];
  public function location(){
    return $this->hasOne(Location::class);
  public function states(){
    return $this->hasMany(State::class);
  public function cities(){
    return $this->hasManyThrough(City::class, State::class);
```

```
public function comments(){
    return $this->morphMany(Comment::class, 'commentable');
}

app\Models\Comment.php

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Comment extends Model
{
    protected $fillable = ['description'];

    public function Commentable(){
        return $this->morphTo();
    }
}
```

#### Controller

### app\Http\Controllers\PolymorphicController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\State;
use App\Models\City;
use App\Models\Comment;
use Illuminate\Http\Request;
class PolymorphicController extends Controller
  public function index(){
    $comments = Comment::all();
    $total_comments = $comments->count();
    return view('comments/index', compact('comments', 'total_comments'));
  }
  public function comment city(){
    $city = City::where('name','Rio de Janeiro')->get()->first();
    $comment = $city->comments()->create([
      'description' => "{$city->name}: Cidade maravilhosa!",
    ]);
```

```
return view('comments/city', compact('city', 'comment'));
}

public function comment_state(){
    $state = State::where('name','São Paulo')->get()->first();

$comment = $state->comments()->create([
        'description' => "{$state->name}: A locomotiva do País!",
    ]);

return view('comments/state', compact('state', 'comment'));
}

public function comment_country(){
    $country = Country::where('name','Brasil')->get()->first();

$comment = $country->comments()->create([
        'description' => "{$country->name}: Ame ou deixe-o!",
    ]);

return view('comments/country', compact('country', 'comment'));
}
```

http://laravel-relationships.test/polymorphics-insert-city



http://laravel-relationships.test/polymorphics-insert-state



### http://laravel-relationships.test/polymorphics-insert-country



### http://laravel-relationships.test/polymorphics



## **AULA 19 - POLYMORPHIC LISTAR**

### Rotas

| /*   | routes\web.php   |
|--|--|
| One to One   | php</th  |
| One to One   | /*<br>-  |
| */ Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_latitude');  /*  | One to One   |
| Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_taitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');  /*   | */   |
| Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');  /*   | Route::get('/one-to-one/countries', 'OneToOneController@index'); Route::get('/one-to-one/country/{id}', 'OneToOneController@show'); Route::get('/one-to-one-insert', 'OneToOneController@new'); Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country'); |
| One to Many  | Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude'); Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');   |
| One to Many  | <b>/*</b>  |
| */ Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /* |  |
| País Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /*  | */   |
| Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /*   | Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do  |
| Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /*   | Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado   |
| Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /*  | . Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados  |
| Route::get('/one-to-many-insert', 'OneToManyController@new');  Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  /*   | Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades  |
| /*<br> <br>  One to Many Through<br>   | Route::get('/one-to-many-insert', 'OneToManyController@new');  |
| ,<br> <br>  One to Many Through<br>  | Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');  |
|  | <b>/*</b>  |
| <br>*/   | One to Many Through  |
|  | \<br>*/  |

 $Route::get('/one-to-many-through/cities/\{id?\}', 'OneToManyThroughController@index'); \# todas cidades de um país$ 

```
| Many to Many
Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na
cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma
empresa
Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma
empresa
Polymorphic
Route::get('/polymorphics', 'PolymorphicController@index');
Route::get('/polymorphics-insert-city', 'PolymorphicController@comment city');
Route::get('/polymorphics-insert-state', 'PolymorphicController@comment state');
Route::get('/polymorphics-insert-country', 'PolymorphicController@comment_country');
Route::get('/polymorphics-show-city/{name?}', 'PolymorphicController@show_comments_city');
Route::get('/polymorphics-show-state/{name?}', 'PolymorphicController@show_comments_state');
Route::get('/polymorphics-show-country/{name?}',
'PolymorphicController@show_comments_country');
```

#### Controller

#### app\Http\Controllers\PolymorphicController.php

```
<?php
namespace App\Http\Controllers;
use App\Models\Country;
use App\Models\State;
use App\Models\City;
use App\Models\Comment;
use Illuminate\Http\Request;

class PolymorphicController extends Controller
{
   public function index(){
     $comments = Comment::all();
     $total_comments = $comments->count();
     return view('comments/index', compact('comments', 'total_comments'));
   }

   public function comment_city(){
```

```
$city = City::where('name','Rio de Janeiro')->get()->first();
  $comment = $city->comments()->create([
    'description' => "{$city->name}: Cidade maravilhosa!",
  ]);
  return view('comments/city', compact('city', 'comment'));
public function comment_state(){
  $state = State::where('name','São Paulo')->get()->first();
  $comment = $state->comments()->create([
    'description' => "{$state->name}: A locomotiva do País!",
  ]);
  return view('comments/state', compact('state', 'comment'));
public function comment_country(){
  $country = Country::where('name','Brasil')->get()->first();
  $comment = $country->comments()->create([
    'description' => "{$country->name}: Ame ou deixe-o!",
  ]);
  return view('comments/country', compact('country', 'comment'));
}
public function show_comments_city($name='São Paulo'){
  $city = City::where('name', $name)->get()->first();
  $comments = $city->comments;
  $total_comments = $comments->count();
  return view('comments/city_comments', compact('city', 'comments', 'total_comments'));
public function show_comments_state($name='São Paulo'){
  $state = State::where('name', $name)->get()->first();
  $comments = $state->comments;
  $total comments = $comments->count();
  return view('comments/state_comments', compact('state', 'comments', 'total_comments'));
public function show_comments_country($name='Brasil'){
  $country = Country::where('name', $name)->get()->first();
  $comments = $country->comments;
  $total_comments = $comments->count();
  return view('comments/country_comments', compact('country', 'comments', 'total_comments'));
}
```

}

### resources\views\comments\city\_comments.blade.php

@endsection

```
@extends('layouts.app')
@section('title', 'Comentários da Cidade')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">{{$city->name}}</h3>
    <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de Comentários: {{$total_comments}}</h5>
    </div>
    <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Comentários</h3>
      </div>
      <thead>
         Id
         Comentário
         Criado em:
        </thead>
        @forelse ($comments as $comment)
           {{$comment->id}}
            {{$comment->description}}
            {{$comment->created_at}}
           @empty
           Não há nenhum comentário registrado!
           @endforelse
        </div>
    <br>
   </div>
   <div class="col-md-3"></div>
 </div>
```

### resources\views\comments\state\_comments.blade.php

```
@extends('layouts.app')
@section('title', 'Comentários do Estado')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">{{$state->name}}</h3>
    <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de Comentários: {{$total_comments}}</h5>
    </div>
    <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Comentários</h3>
      </div>
      <thead>
         Id
         Comentário
         Criado em:
        </thead>
        @forelse ($comments as $comment)
           {{$comment->id}}
             {{$comment->description}}
             {{$comment->created_at}}
           @empty
           Não há nenhum comentário registrado!
           @endforelse
        </div>
    <br>
   </div>
   <div class="col-md-3"></div>
 </div>
@endsection
```

### resources\views\comments\country\_comments.blade.php

@endsection

```
@extends('layouts.app')
@section('title', 'Comentários do País')
@section('content')
 <div class="row">
   <div class="col-md-3"></div>
   <div class="col-md-6">
   <h3 class="text-center mt-3 titulo">{{$country->name}}</h3>
    <div class="mt-3 mb-2">
      <h5 class="text-right total_registros">Total de Comentários: {{$total_comments}}</h5>
    </div>
    <div style="clear:both;" class="card mt-3">
      <div class="card-header">
        <h3 class="text-center">Comentários</h3>
      <thead>
         Id
         Comentário
         Criado em:
        </thead>
        @forelse ($comments as $comment)
             {{$comment->id}}
             {{$comment->description}}
             {{$comment->created_at}}
           @empty
           Não há nenhum comentário registrado!
           @endforelse
        </div>
    <br>
   </div>
   <div class="col-md-3"></div>
 </div>
```

### http://laravel-relationships.test/polymorphics-show-city/Rio de Janeiro



### http://laravel-relationships.test/polymorphics-show-state/Sao Paulo



### http://laravel-relationships.test/polymorphics-show-country/Brasil

