

Les commandes exigés

1. \$ git clone <https://github.com/Dan2195178/cadriciel20632-TP1.git>
\$ cd cadriciel20632-TP1
\$ composer create-project --prefer-dist laravel/laravel Maisonneuve2195178 "8.*"

2. \$ cd Maisonneuve2195178
\$ php artisan make:model Ville
\$ php artisan make:model Etudiant

3. \$ php artisan make:migration create_villes_table

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Maisonneuve2195178/database/migrations/2022_07_03_123645_create_villes_table.php

```
$table->string('nom',100);
```

\$ php artisan make:migration create_etudiants_table

Ajouter ceci dans le fichier

/database/migrations/2022_07_03_124249_create_etudiants_table.php

```
$table->string('nom',100);  
$table->string('adresse',150);  
$table->string('phone',100);  
$table->string('email',100);  
$table->unique('email');  
$table->date('date_naissance');  
$table->foreignId('ville_id')->constrained('villes');
```

\$ php artisan migrate

4. \$ php artisan make:factory VilleFactory -m Ville

VilleFactory.php

```
public function definition()  
{  
    return [  
        'nom' => $this->faker->city()  
    ];  
}
```

```
$ php artisan make:factory EtudiantFactory -m Etudiant
```

EtudiantFactory.php

```
use App\Models\Ville;
```

```
public function definition()
{
    return [
        'nom' => $this->faker->name(),
        'adresse' => $this->faker->address(),
        'phone' => $this->faker->phoneNumber(),
        'email' => $this->faker->unique()->safeEmail(),
        'date_naissance' =>
$this->faker->unique()->dateTimeBetween($startDate = '-50 years', $endDate = '-
18 years')->format('Y-m-d'),
        'ville_id' => Ville::factory()
    ];
}
```

```
$php artisan tinker
```

```
>>> \App\Models\Ville::factory()->times(15)->create();
```

```
5. >>> \App\Models\Etudiant::factory()->times(100)->create();
```

```
6. $ php artisan make:controller EtudiantController -m Etudiant
```

```
$ php artisan make:controller VilleController -m Ville
```