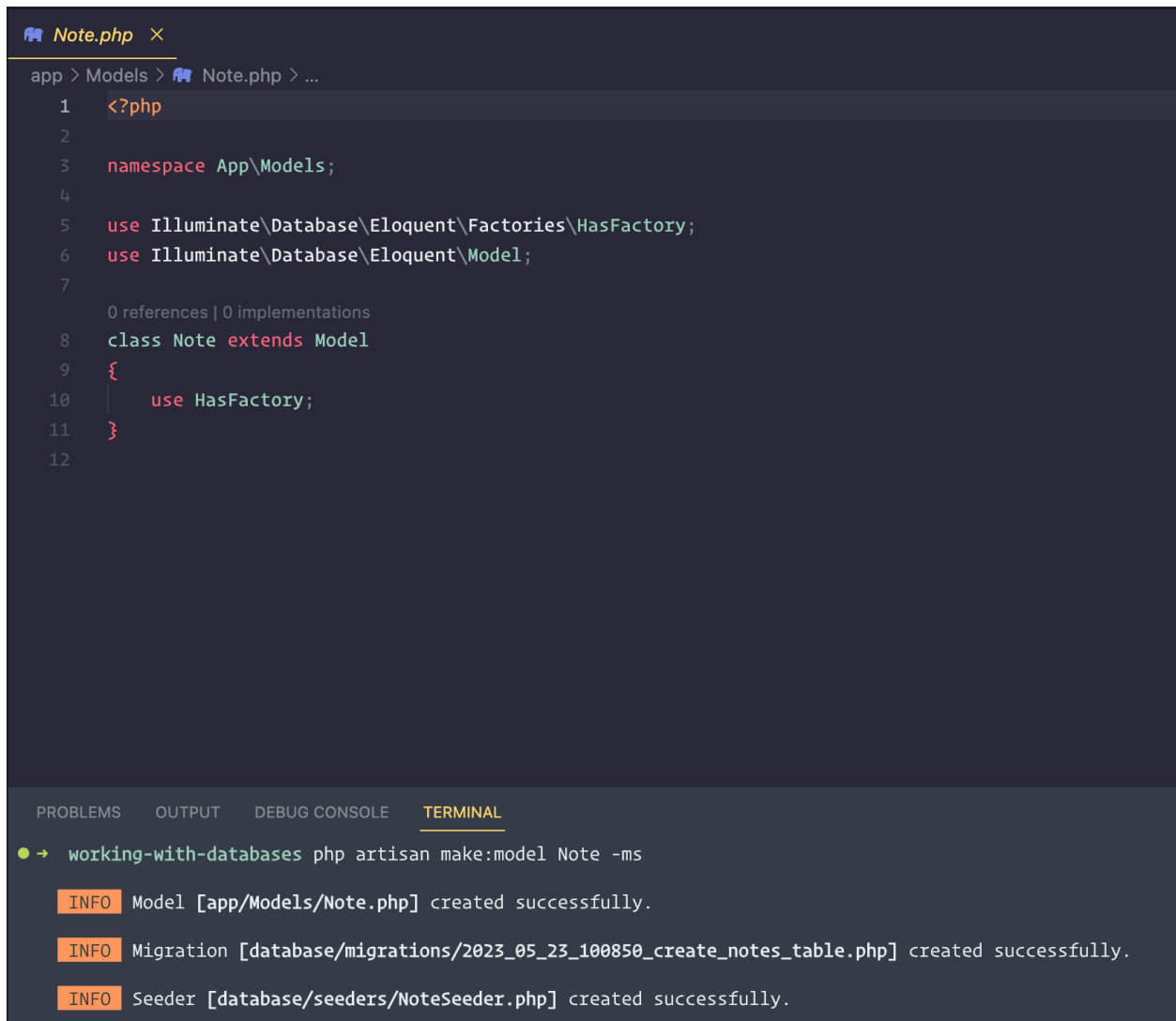Lab 9

# Eloquent ORM

1. Create Company Model

```php
Company.php ×

app > Models >  Company.php > …
1    <?php
2
3    namespace App\Models;
4
5    use Illuminate\Database\Eloquent\Factories\HasFactory;
6    use Illuminate\Database\Eloquent\Model;
7
     0 references | 0 implementations
8    class Company extends Model
9    {
10       use HasFactory;
11   }
12
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

● → working-with-databases php artisan make:model Company

    INFO  Model [app/Models/Company.php] created successfully.
```

2. Create Note Model and Migration Seeder

```php
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

0 references | 0 implementations
class Note extends Model
{
    use HasFactory;
}
```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

● → working-with-databases php artisan make:model Note -ms

   INFO  Model [app/Models/Note.php] created successfully.

   INFO  Migration [database/migrations/2023_05_23_100850_create_notes_table.php] created successfully.

   INFO  Seeder [database/seeders/NoteSeeder.php] created successfully.

3. Create Node model with Migration and Seeder (con.t)



```php
<?php

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

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('notes', function (Blueprint $table) {
            $table->id();
            $table->text('body');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('notes');
    }
};
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

● → working-with-databases php artisan migrate

    INFO  Running migrations.

    2023_05_23_100850_create_notes_table ......................................................... 122ms DONE
```

```php
<?php

namespace Database\Seeders;

use Illuminate\Database\Console\Seeds\WithoutModelEvents;
use Illuminate\Database\Seeder;
use Illuminate\Support\Facades\DB;

class NoteSeeder extends Seeder
{
    /**
     * Run the database seeds.
     */
    public function run(): void
    {
        $notes = [];
        foreach(range(1, 10) as $index) {
            $note = [
                'body' => "Note $index",
                'created_at' => now(),
                'updated_at' => now(),
            ];
            $notes[] = $note;
        }
        DB::table('notes')->delete();
        DB::table('notes')->insert($notes);
    }
}
```

PROBLEMS    OUTPUT    DEBUG CONSOLE    **TERMINAL**

```
● → working-with-databases php artisan db:seed --class=NoteSeeder

    INFO  Seeding database.
```

Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

```sql
SELECT * FROM `notes`
```

| id | body | created_at | updated_at |
|---:|---|---|---|
| 1 | Note 1 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 2 | Note 2 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 3 | Note 3 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 4 | Note 4 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 5 | Note 5 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 6 | Note 6 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 7 | Note 7 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 8 | Note 8 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 9 | Note 9 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |
| 10 | Note 10 | 2023-05-23 10:19:02 | 2023-05-23 10:19:02 |

4. Creating a company Seeder for companies table

```php
class CompanySeeder extends Seeder
{
    /**
     * Run the database seeds.
     */
    public function run(): void
    {
        $companies = [];

        foreach(range(1, 10) as $index) {
            $company = [
                'name' => $name = "Company $index",
                'address' => "Address $name",
                'website' => "Website $name",
                'email' => "Email $name",
                'created_at' => now(),
                'updated_at' => now(),
            ];
            $companies[] = $company;
        }
        DB::table('companies')->delete();
        DB::table('companies')->insert($companies);
    }
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

```
● → working-with-databases php artisan make:seeder CompanySeeder

  INFO  Seeder [database/seeders/CompanySeeder.php] created successfully.

● → working-with-databases php artisan db:seed --class=CompanySeeder

  INFO  Seeding database.
```

Showing rows 0 - 9 (10 total, Query took 0.0002 seconds.)

```sql
SELECT * FROM `companies`
```

| id | name | address | website | email<br>Email of the company | created_at | updated_at |
|---|---|---|---|---|---|---|
| 1 | Company 1 | Address Company 1 | Website Company 1 | Email Company 1 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 2 | Company 2 | Address Company 2 | Website Company 2 | Email Company 2 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 3 | Company 3 | Address Company 3 | Website Company 3 | Email Company 3 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 4 | Company 4 | Address Company 4 | Website Company 4 | Email Company 4 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 5 | Company 5 | Address Company 5 | Website Company 5 | Email Company 5 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 6 | Company 6 | Address Company 6 | Website Company 6 | Email Company 6 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 7 | Company 7 | Address Company 7 | Website Company 7 | Email Company 7 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 8 | Company 8 | Address Company 8 | Website Company 8 | Email Company 8 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 9 | Company 9 | Address Company 9 | Website Company 9 | Email Company 9 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 10 | Company 10 | Address Company 10 | Website Company 10 | Email Company 10 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |

5. Create Contact Model with Migration and Seeder



```php
return new class extends Migration
    public function up(): void
    {
        Schema::create('contacts', function (Blueprint $table) {
            $table->id();
            $table->string('first_name');
            $table->string('last_name');
            $table->string('phone')->nullable();
            $table->string('email');
            $table->string('address')->nullable();
            $table->foreignId('company_id')->constrained()->cascadeOnDelete()->cascadeOnUpdate();
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('contacts');
    }
};
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

```
● → working-with-databases php artisan make:model Contact -ms

   INFO  Model [app/Models/Contact.php] created successfully.

   INFO  Migration [database/migrations/2023_05_23_102829_create_contacts_table.php] created successfully.

   INFO  Seeder [database/seeders/ContactSeeder.php] created successfully.

● → working-with-databases php artisan migrate

   INFO  Running migrations.

  2023_05_23_102829_create_contacts_table ......................................................................... 259ms DONE
```

6. Create Contact Model with Migration and Seeder (cont.)

```php
class ContactSeeder extends Seeder

    public function run(): void
    {
        Contact::create([
            'first_name' => 'First Name 1',
            'last_name' => 'Last Name 1',
            'phone' => 'phone 1',
            'email' => 'email1@email.com',
            'address' => 'City 1',
            'company_id' => 1,
            'created_at' => now(),
            'updated_at' => now(),
        ]);

        Contact::create([
            'first_name' => 'First Name 2',
            'last_name' => 'Last Name 2',
            'phone' => 'phone 2',
            'email' => 'email2@email.com',
            'address' => 'City 2',
            'company_id' => 2,
            'created_at' => now(),
            'updated_at' => now(),
        ]);
    }
}
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**

● → working-with-databases php artisan db:seed --class=ContactSeeder

   `INFO` Seeding database.

○ → working-with-databases

---

5/23/23, 5:38 PM                    mysql.pjapon24th.com / mysql / ContactDB / contacts | phpMyAdmin 5.2.1

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

SELECT * FROM `contacts`

| id | first_name | last_name | phone | email | address | company_id | created_at | updated_at |
|---|---|---|---|---|---|---|---|---|
| 1 | First Name 1 | Last Name 1 | phone 1 | email1@email.com | City 1 | 1 | 2023-05-23 10:37:55 | 2023-05-23 10:37:55 |
| 2 | First Name 2 | Last Name 2 | phone 2 | email2@email.com | City 2 | 2 | 2023-05-23 10:37:55 | 2023-05-23 10:37:55 |

## 7. Querying Database with Eloquent

```
○ →  working-with-databases php artisan tinker
Psy Shell v0.11.14 (PHP 8.2.3 — cli) by Justin Hileman
> use App\Models\Company
> Company::all()
= Illuminate\Database\Eloquent\Collection {#4701
    all: [
      App\Models\Company {#4703
        id: 1,
        name: "Company 1",
        address: "Address Company 1",
        website: "Website Company 1",
        email: "Email Company 1",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4704
        id: 2,
        name: "Company 2",
        address: "Address Company 2",
        website: "Website Company 2",
        email: "Email Company 2",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4705
        id: 3,
        name: "Company 3",
        address: "Address Company 3",
        website: "Website Company 3",
        email: "Email Company 3",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4706
        id: 4,
        name: "Company 4",
        address: "Address Company 4",
        website: "Website Company 4",
        email: "Email Company 4",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4707
        id: 5,
        name: "Company 5",
        address: "Address Company 5",
        website: "Website Company 5",
```

```
> Company::take(3)
= Illuminate\Database\Eloquent\Builder {#4695}

> Company::take(3)->dump()
"select * from `companies` limit 3" // vendor/laravel/framework/src/Illuminate/Database/Query/Builder.php:3865
[] // vendor/laravel/framework/src/Illuminate/Database/Query/Builder.php:3865
= Illuminate\Database\Query\Builder {#4698
    +connection: Illuminate\Database\MySqlConnection {#3743},
    +grammar: Illuminate\Database\Query\Grammars\MySqlGrammar {#3745},
    +processor: Illuminate\Database\Query\Processors\MySqlProcessor {#3747},
    +bindings: [
      "select" => [],
      "from" => [],
      "join" => [],
      "where" => [],
      "groupBy" => [],
      "having" => [],
      "order" => [],
      "union" => [],
      "unionOrder" => [],
    ],
    +aggregate: null,
    +columns: null,
    +distinct: false,
    +from: "companies",
    +indexHint: null,
    +joins: null,
    +wheres: [],
    +groups: null,
    +havings: null,
    +orders: null,
    +limit: 3,
    +offset: null,
    +unions: null,
    +unionLimit: null,
    +unionOffset: null,
    +unionOrders: null,
    +lock: null,
    +beforeQueryCallbacks: [],
    +operators: [
      "=",
      "<",
      ">",
      "<=",
      ">=",
      "<>",
      "!=",
```

```
→ working-with-databases php artisan tinker
Psy Shell v0.11.14 (PHP 8.2.3 — cli) by Justin Hileman
> use App\Models\Company
> Company::take(3)->get()
= Illuminate\Database\Eloquent\Collection {#4442
    all: [
      App\Models\Company {#4696
        id: 1,
        name: "Company 1",
        address: "Address Company 1",
        website: "Website Company 1",
        email: "Email Company 1",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4697
        id: 2,
        name: "Company 2",
        address: "Address Company 2",
        website: "Website Company 2",
        email: "Email Company 2",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4698
        id: 3,
        name: "Company 3",
        address: "Address Company 3",
        website: "Website Company 3",
        email: "Email Company 3",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
    ],
  }
```

```
> Company::take(3)->skip(2)->get()
= Illuminate\Database\Eloquent\Collection {#4701
    all: [
      App\Models\Company {#4707
        id: 3,
        name: "Company 3",
        address: "Address Company 3",
        website: "Website Company 3",
        email: "Email Company 3",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#3742
        id: 4,
        name: "Company 4",
        address: "Address Company 4",
        website: "Website Company 4",
        email: "Email Company 4",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4699
        id: 5,
        name: "Company 5",
        address: "Address Company 5",
        website: "Website Company 5",
        email: "Email Company 5",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
    ],
  }
```

```
> Company::select('id', 'name', 'address')->take(3)->skip(2)->get()
= Illuminate\Database\Eloquent\Collection {#4697
    all: [
      App\Models\Company {#4704
        id: 3,
        name: "Company 3",
        address: "Address Company 3",
      },
      App\Models\Company {#4080
        id: 4,
        name: "Company 4",
        address: "Address Company 4",
      },
      App\Models\Company {#3747
        id: 5,
        name: "Company 5",
        address: "Address Company 5",
      },
    ],
  }
```

```
> Company::pluck('id', 'name')
= Illuminate\Support\Collection {#4709
    all: [
      "Company 1" => 1,
      "Company 2" => 2,
      "Company 3" => 3,
      "Company 4" => 4,
      "Company 5" => 5,
      "Company 6" => 6,
      "Company 7" => 7,
      "Company 8" => 8,
      "Company 9" => 9,
      "Company 10" => 10,
    ],
  }
```

```
> Company::first()
= App\Models\Company {#4708
    id: 1,
    name: "Company 1",
    address: "Address Company 1",
    website: "Website Company 1",
    email: "Email Company 1",
    created_at: "2023-05-23 10:26:57",
    updated_at: "2023-05-23 10:26:57",
  }
```

```
> Company::find(2)
= App\Models\Company {#4705
    id: 2,
    name: "Company 2",
    address: "Address Company 2",
    website: "Website Company 2",
    email: "Email Company 2",
    created_at: "2023-05-23 10:26:57",
    updated_at: "2023-05-23 10:26:57",
  }
```

```
> Company::orderby('id', 'desc')->get()
= Illuminate\Database\Eloquent\Collection {#4713
    all: [
      App\Models\Company {#4718
        id: 10,
        name: "Company 10",
        address: "Address Company 10",
        website: "Website Company 10",
        email: "Email Company 10",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4719
        id: 9,
        name: "Company 9",
        address: "Address Company 9",
        website: "Website Company 9",
        email: "Email Company 9",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4720
        id: 8,
        name: "Company 8",
        address: "Address Company 8",
        website: "Website Company 8",
        email: "Email Company 8",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4721
        id: 7,
        name: "Company 7",
        address: "Address Company 7",
        website: "Website Company 7",
        email: "Email Company 7",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4722
        id: 6,
        name: "Company 6",
        address: "Address Company 6",
        website: "Website Company 6",
        email: "Email Company 6",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
```

```
> Company::count()
= 10
```

```
> Company::where('name', 'Company 1')->first()
= App\Models\Company {#4721
    id: 1,
    name: "Company 1",
    address: "Address Company 1",
    website: "Website Company 1",
    email: "Email Company 1",
    created_at: "2023-05-23 10:26:57",
    updated_at: "2023-05-23 10:26:57",
  }
```

```
> Company::wherename('Company 1')->first()
= App\Models\Company {#4719
    id: 1,
    name: "Company 1",
    address: "Address Company 1",
    website: "Website Company 1",
    email: "Email Company 1",
    created_at: "2023-05-23 10:26:57",
    updated_at: "2023-05-23 10:26:57",
  }
```

```
> Company::where('id', 9)->where('name', 'Company 9')->get()
= Illuminate\Database\Eloquent\Collection {#4725
    all: [
      App\Models\Company {#4704
        id: 9,
        name: "Company 9",
        address: "Address Company 9",
        website: "Website Company 9",
        email: "Email Company 9",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
    ],
  }
```

```
> Company::where('id', 9)->where('name', 'Company 9')->toSql()
= "select * from `companies` where `id` = ? and `name` = ?"
```

```
> Company::where(['id' => 9, 'name' => 'Company 9'])->toSql()
= "select * from `companies` where (`id` = ? and `name` = ?)"
```

```
> Company::where('id','>',3)->where('id','<=',9)->toSql()
= "select * from `companies` where `id` > ? and `id` <= ?"
```

```
> Company::where('id','<',3)->orWhere('id','>',9)->toSql()
= "select * from `companies` where `id` < ? or `id` > ?"
```

```
> Company::where('id','>',3)->where('name','like','Com%')->get()
= Illuminate\Database\Eloquent\Collection {#4709
    all: [
      App\Models\Company {#4484
        id: 4,
        name: "Company 4",
        address: "Address Company 4",
        website: "Website Company 4",
        email: "Email Company 4",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4727
        id: 5,
        name: "Company 5",
        address: "Address Company 5",
        website: "Website Company 5",
        email: "Email Company 5",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#3747
        id: 6,
        name: "Company 6",
        address: "Address Company 6",
        website: "Website Company 6",
        email: "Email Company 6",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4713
        id: 7,
        name: "Company 7",
        address: "Address Company 7",
        website: "Website Company 7",
        email: "Email Company 7",
        created_at: "2023-05-23 10:26:57",
        updated_at: "2023-05-23 10:26:57",
      },
      App\Models\Company {#4704
        id: 8,
        name: "Company 8",
        address: "Address Company 8",
        website: "Website Company 8",
        email: "Email Company 8",
```

```
> Company::WhereNull('address')->toSql()
= "select * from `companies` where `address` is null"
```

```
○ →   working-with-databases php artisan tinker
  Psy Shell v0.11.14 (PHP 8.2.3 — cli) by Justin Hileman
  > use App\Models\Company
  > $company = new Company
  = App\Models\Company {#3742}

  > $company->name = "My Company"
  = "My Company"

  > $company->email = "My email"
  = "My email"

  > $company->address = "My address"
  = "My address"

  > $company->save()
  = true
```

Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

```
SELECT * FROM `companies`
```

| id | name | address | website | email<br>Email of the company | created_at | updated_at |
|---|---|---|---|---|---|---|
| 1 | Company 1 | Address Company 1 | Website Company 1 | Email Company 1 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 2 | Company 2 | Address Company 2 | Website Company 2 | Email Company 2 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 3 | Company 3 | Address Company 3 | Website Company 3 | Email Company 3 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 4 | Company 4 | Address Company 4 | Website Company 4 | Email Company 4 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 5 | Company 5 | Address Company 5 | Website Company 5 | Email Company 5 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 6 | Company 6 | Address Company 6 | Website Company 6 | Email Company 6 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 7 | Company 7 | Address Company 7 | Website Company 7 | Email Company 7 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 8 | Company 8 | Address Company 8 | Website Company 8 | Email Company 8 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 9 | Company 9 | Address Company 9 | Website Company 9 | Email Company 9 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 10 | Company 10 | Address Company 10 | Website Company 10 | Email Company 10 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 11 | My Company | My address | NULL | My email | 2023-05-23 14:26:43 | 2023-05-23 14:26:43 |

```php
ContactSeeder.php        Company.php ✕

app > Models > Company.php > PHP > App\Models\Company
1    <?php
2
3    namespace App\Models;
4
5    use Illuminate\Database\Eloquent\Factories\HasFactory;
6    use Illuminate\Database\Eloquent\Model;
7
     0 references | 0 implementations
8    class Company extends Model
9    {
10       use HasFactory;
         0 references
11 💡    protected $fillable = ['name', 'email', 'address', 'website'];
12   }
13
```

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL

> use App\Models\Company
> $company = new Company(['name'=>'new name 2', 'email'=>'new mail 2', 'address'=>'new address 2'])
= App\Models\Company {#3746
    name: "new name 2",
    email: "new mail 2",
    address: "new address 2",
  }

> $company->save()
= true
```

Showing rows 0 - 11 (12 total, Query took 0.0003 seconds.)

SELECT * FROM `companies`

| id | name | address | website | email<br>Email of the company | created_at | updated_at |
|---|---|---|---|---|---|---|
| 1 | Company 1 | Address Company 1 | Website Company 1 | Email Company 1 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 2 | Company 2 | Address Company 2 | Website Company 2 | Email Company 2 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 3 | Company 3 | Address Company 3 | Website Company 3 | Email Company 3 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 4 | Company 4 | Address Company 4 | Website Company 4 | Email Company 4 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 5 | Company 5 | Address Company 5 | Website Company 5 | Email Company 5 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 6 | Company 6 | Address Company 6 | Website Company 6 | Email Company 6 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 7 | Company 7 | Address Company 7 | Website Company 7 | Email Company 7 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 8 | Company 8 | Address Company 8 | Website Company 8 | Email Company 8 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 9 | Company 9 | Address Company 9 | Website Company 9 | Email Company 9 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 10 | Company 10 | Address Company 10 | Website Company 10 | Email Company 10 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 11 | My Company | My address | NULL | My email | 2023-05-23 14:26:43 | 2023-05-23 14:26:43 |
| 12 | new name 2 | new address 2 | NULL | new mail 2 | 2023-05-23 14:32:46 | 2023-05-23 14:32:46 |

```
> Company::where('id', 11)->update(['name'=>'new name', 'email'=>'new email'])
= 1
```

Showing rows 0 - 11 (12 total, Query took 0.0002 seconds.)

```sql
SELECT * FROM `companies`
```

| id | name | address | website | email<br>Email of the company | created_at | updated_at |
|---|---|---|---|---|---|---|
| 1 | Company 1 | Address Company 1 | Website Company 1 | Email Company 1 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 2 | Company 2 | Address Company 2 | Website Company 2 | Email Company 2 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 3 | Company 3 | Address Company 3 | Website Company 3 | Email Company 3 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 4 | Company 4 | Address Company 4 | Website Company 4 | Email Company 4 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 5 | Company 5 | Address Company 5 | Website Company 5 | Email Company 5 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 6 | Company 6 | Address Company 6 | Website Company 6 | Email Company 6 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 7 | Company 7 | Address Company 7 | Website Company 7 | Email Company 7 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 8 | Company 8 | Address Company 8 | Website Company 8 | Email Company 8 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 9 | Company 9 | Address Company 9 | Website Company 9 | Email Company 9 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 10 | Company 10 | Address Company 10 | Website Company 10 | Email Company 10 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 11 | new name | My address | NULL | new email | 2023-05-23 14:26:43 | 2023-05-23 14:34:43 |
| 12 | new name 2 | new address 2 | NULL | new mail 2 | 2023-05-23 14:32:46 | 2023-05-23 14:32:46 |

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```
> $company = Company::find(12)
= App\Models\Company {#4699
    id: 12,
    name: "new name 2",
    address: "new address 2",
    website: null,
    email: "new mail 2",
    created_at: "2023-05-23 14:32:46",
    updated_at: "2023-05-23 14:32:46",
  }

> $company->delete()
= true

> $com = Company::where('id', '11')
= Illuminate\Database\Eloquent\Builder {#4703}

> $com->delete()
= 1

> Company::destroy(10)
= 1
```

Showing rows 0 - 8 (9 total, Query took 0.0003 seconds.)

SELECT * FROM `companies`

| id | name | address | website | email<br>Email of the company | created_at | updated_at |
|---|---|---|---|---|---|---|
| 1 | Company 1 | Address Company 1 | Website Company 1 | Email Company 1 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 2 | Company 2 | Address Company 2 | Website Company 2 | Email Company 2 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 3 | Company 3 | Address Company 3 | Website Company 3 | Email Company 3 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 4 | Company 4 | Address Company 4 | Website Company 4 | Email Company 4 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 5 | Company 5 | Address Company 5 | Website Company 5 | Email Company 5 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 6 | Company 6 | Address Company 6 | Website Company 6 | Email Company 6 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 7 | Company 7 | Address Company 7 | Website Company 7 | Email Company 7 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 8 | Company 8 | Address Company 8 | Website Company 8 | Email Company 8 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |
| 9 | Company 9 | Address Company 9 | Website Company 9 | Email Company 9 | 2023-05-23 10:26:57 | 2023-05-23 10:26:57 |