

```

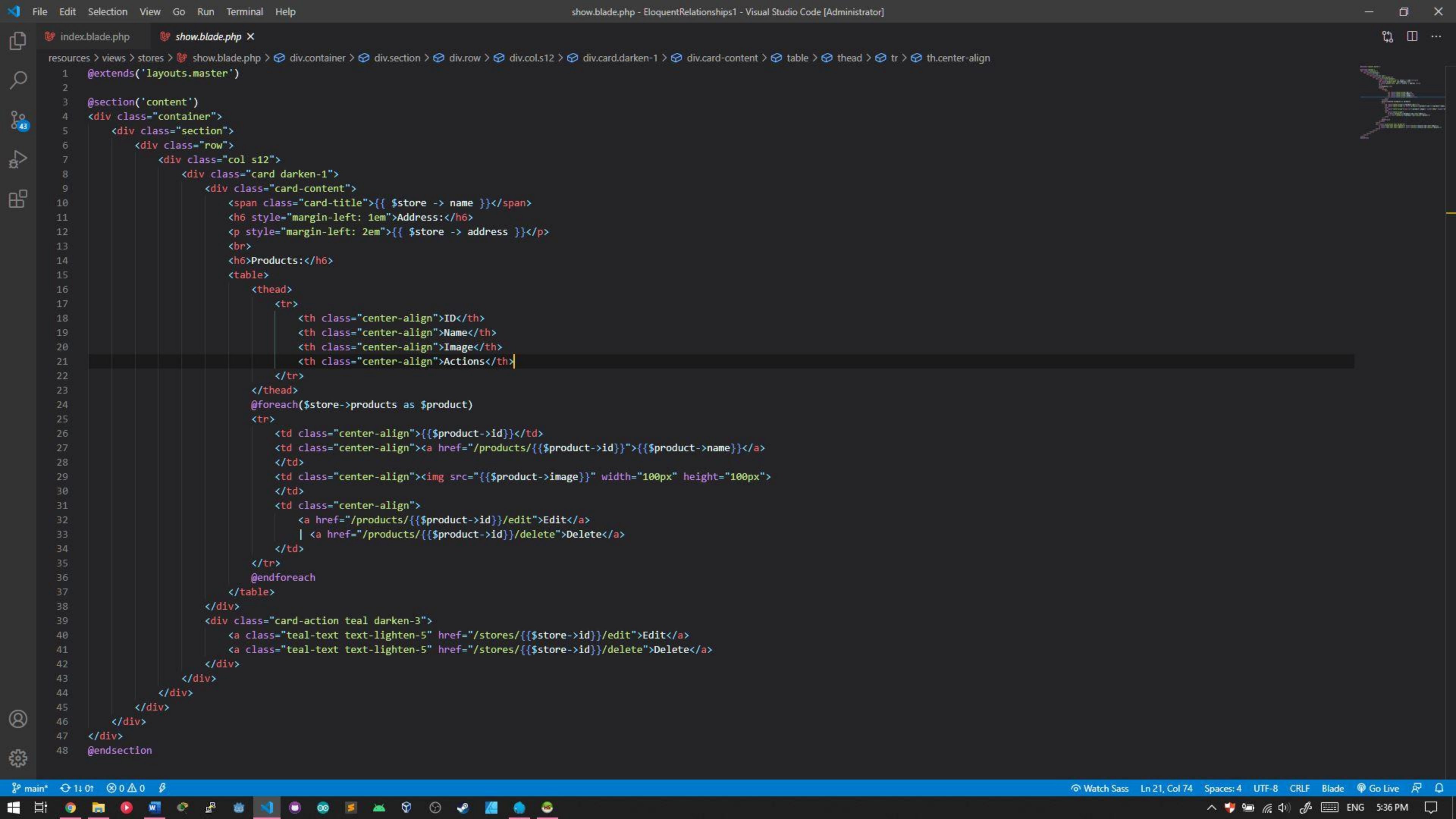
1  @extends('layouts.master')
2
3  @section('content')
4      <div class="container">
5          <div class="section">
6              <h5>Stores</h5>
7              <a href="/stores/create">Create Store</a>
8              <table>
9                  <tr>
10                     <th class="center-align">ID</th>
11                     <th class="center-align">Store Name</th>
12                     <th class="center-align">Store Address</th>
13                     <th class="center-align">Actions</th>
14                 </tr>
15                 <tbody>
16                     @foreach ($stores as $store)
17                         <tr>
18                             <td class="center-align">{{ $store->id }}</td>
19                             <td class="center-align">
20                                 <a href="/stores/{{ $store->id }}">{{ $store -> name }}</a>
21                             </td>
22                             <td class="center-align">
23                                 {{ $store -> address }}
24                             </td>
25                             <td class="center-align">
26                                 <a href="/stores/{{ $store->id }}/edit">Edit</a> |
27                                 <a href="/stores/{{ $store->id }}/delete">Delete</a>
28                             </td>
29                         </tr>
30                     @endforeach
31                 </tbody>
32             </table>
33         </div>
34     </div>
35 @endsection

```

The code just loops through the records in the stores table in the database and displays it in a table.

Each store can be accessed individually by clicking on the name, which is anchored to a show method in the StoresController.

[Create Store](#)



The code loops through the values of the passed in store and displays them in a card view. It also accesses the products related to this specific store through a One to Many Eloquent Relationship. This was defined in the models which says that a store has a “hasMany” relationship to the product model. Connecting them is the store_id column in the product model.

We made it so that the individual products can be accessed through this screen by adding an anchor to the product status that connects to the show function in the ProductsController. Each product could also be edited and deleted from this screen.

Laragon\eloquentrelationships1\products\ - HeidiSQL Portable 10.2.0.5599

File Edit Search Tools Go to Help

Database filter

Table filter

Host: localhost

Database: eloquentrelationships1

Table: products

Data

Query

Donate

Laragon

information_schema

artists

auth

authen

authentication

averages

ecommerce-web

eloquentrelationships1112.0 KiB

failed_jobs16.0 KiB

migrations16.0 KiB

password_resets16.0 KiB

products16.0 KiB

stores16.0 KiB

transactions16.0 KiB

users16.0 KiB

fourthtry

helloworld

kitchen

mysql

performance_schema

retry

secondtry

sys

thirdtry

try

tryapp

eloquentrelationships1.products: 20 rows total (approximately)

Next

Show all

Sorting

Columns (6/6)

Filter

id	store_id	name	image	created_at	updated_at
1	1	Toilet Paper	https://cdn.psychologytoday.com/sites/default/files/styl...	2020-11-26 17:06:49	2020-11-26 17:06:50
2	1	Alcohol	https://d2pa5gi5n2e1an.cloudfront.net/webp/global/ima...	2020-11-26 17:07:24	2020-11-26 17:07:24
3	1	Sanitizer	https://media.officedepot.com/image/upload/b_rgb:FFF...	2020-11-26 17:07:57	2020-11-26 17:07:57
4	2	Ferrari	https://api.ferrarinetwork.ferrari.com/v2/network-conte...	2020-11-26 17:08:21	2020-11-26 17:08:30
5	2	Mustang	https://upload.wikimedia.org/wikipedia/commons/1/1f/20...	2020-11-26 17:08:52	2020-11-26 17:08:52
6	3	Golden Retriever	https://www.prestigeanimalhospital.com/sites/default/fil...	2020-11-26 17:09:20	2020-11-26 17:09:21
7	3	German Shepherd	https://s3.amazonaws.com/cdn-origin-etr.akc.org/wp-co...	2020-11-26 17:09:43	2020-11-26 17:09:43
8	5	Chair	https://www.barkerandstonehouse.co.uk/images/swatc...	2020-11-26 17:10:14	2020-11-26 17:10:14
9	6	Airplane	https://miro.medium.com/max/6054/0*kp8rJzqHjagMj22J	2020-11-26 17:10:46	2020-11-26 17:10:47
10	6	Jetplane	https://upload.wikimedia.org/wikipedia/commons/thumb/...	2020-11-26 17:11:05	2020-11-26 17:11:05
11	7	Grand Theft Auto 5	https://upload.wikimedia.org/wikipedia/en/a/a5/Grand_T...	2020-11-26 17:11:47	2020-11-26 17:11:47
12	7	League of Legends: Wild Rift	https://images.contentstack.io/v3/assets/blt370612131...	2020-11-26 17:12:25	2020-11-26 17:12:25
13	8	Benchpress	https://cdn2.coachmag.co.uk/sites/coachmag/files/2017...	2020-11-26 17:13:14	2020-11-26 17:13:15
14	4	Weed	https://post.healthline.com/wp-content/uploads/2019/0...	2020-11-26 17:13:39	2020-11-26 17:13:39
15	9	Sniper Rifle	https://upload.wikimedia.org/wikipedia/commons/thumb/...	2020-11-26 17:14:08	2020-11-26 17:14:09
16	9	LMG	https://upload.wikimedia.org/wikipedia/commons/a/ae/P...	2020-11-26 17:14:27	2020-11-26 17:14:28
17	9	RPG	https://upload.wikimedia.org/wikipedia/commons/8/8d/R...	2020-11-26 17:14:48	2020-11-26 17:14:48
18	10	Choco Cupcake	https://cdn.sallysbakingaddiction.com/wp-content/uploa...	2020-11-26 17:15:12	2020-11-26 17:15:12
19	10	Choco Chip	https://joyfoodsunshine.com/wp-content/uploads/2016/...	2020-11-26 17:15:36	2020-11-26 17:15:36
20	10	Banana Cake	https://food.fnr.sndimg.com/content/dam/images/food/f...	2020-11-26 17:16:28	2020-11-26 17:16:29

Filter: Regular expression

322 SELECT * FROM `eloquentrelationships1`.`stores` LIMIT 1000;

323 SHOW CREATE TABLE `eloquentrelationships1`.`stores`;

324 SHOW CREATE TABLE `eloquentrelationships1`.`products`;

325 SELECT * FROM `eloquentrelationships1`.`products` LIMIT 1000;

326 SHOW CREATE TABLE `eloquentrelationships1`.`products`;

20 : 6

Connected: 03:17 h

MariaDB or MySQL 5.7.24

Uptime: 03:22 h

Server time: 5:36 PM

Idle.

JohnMichael499/EloquentRelatio x | Practice Exercise: Eloquent Relati x | Eloquent Relationships 1 x +

← → ↺ ⚠ Not secure eloquentrelationships1.test/stores/1 ☆ 🔍 ⚙ 👤 ⋮

📱 Apps 📄 Web Dev 📖 Courses 🛡 Ethical Hacking 📦 Dart packages ⚡ Widget catalog - FL... 🛒 ECommerce Web S...




Fajardo and Fernandez

DashboardStoresProductsTransactions

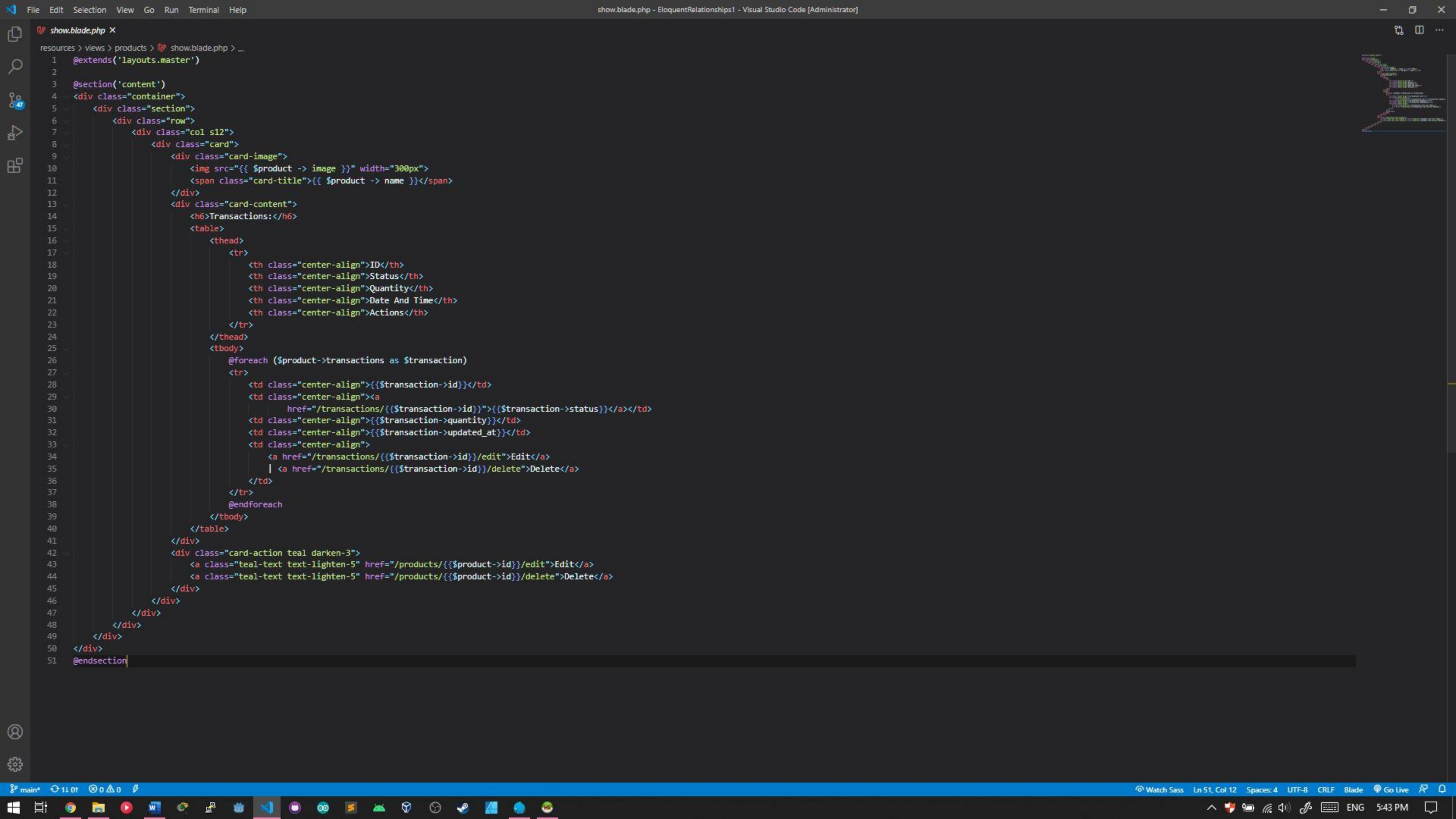
Store 1

Address:
Address 1

Products:

ID	Name	Image	Actions
1	Toilet Paper		Edit Delete
2	Alcohol		Edit Delete
3	Sanitizer		Edit Delete

EDITDELETE



The code also loops through the values of the passed in product and displays them in a card view. It also accesses the transactions related to this specific product through a One to Many Eloquent Relationship. This was defined in the models which says that a product has a “hasMany” relationship to the transaction model. Connecting them is the product_id column in the transaction model. The date and time column is the updated_at column in the transaction record.

We made it so that the individual transactions can be accessed through this screen by adding an anchor to the transaction status that connects to the show function in the TransactionsController. Each transaction could also be edited and deleted from this screen.

Laragon\eloquentrelationships1\transactions\ - HeidiSQL Portable 10.2.0.5599

FileEditSearchToolsGo toHelp

Database filter

Table filter

Host: localhost

Database: eloquentrelationships1

Table: transactions

Data

Query

Donate

Laragon

information_schema

artists

auth

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authentication

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ecommerce-web

eloquentrelationships1112.0 KiB

failed_jobs16.0 KiB

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password_resets16.0 KiB

products16.0 KiB

stores16.0 KiB

transactions16.0 KiB

users16.0 KiB

fourthtry

helloworld

kitchen

mysql

performance_schema

retry

secondtry

sys

thirdtry

try

tryapp

eloquentrelationships1.transactions: 29 rows total (approximately)

id	product_id	status	quantity	created_at	updated_at
1	1	Restocked	100	2020-11-26 17:16:57	2020-11-26 17:16:57
2	2	Restocked	50	2020-11-26 17:17:11	2020-11-26 17:17:11
3	3	Going In	20	2020-11-26 17:17:24	2020-11-26 17:17:24
4	3	Going out	10	2020-11-26 17:17:57	2020-11-26 17:17:58
6	1	Going Out	20	2020-11-26 17:18:36	2020-11-26 17:18:36
7	2	Going Out	25	2020-11-26 17:18:50	2020-11-26 17:18:50
8	4	Going In	40	2020-11-26 17:19:00	2020-11-26 17:19:00
9	5	Going Out	10	2020-11-26 17:19:21	2020-11-26 17:19:21
10	6	Restocked	100	2020-11-26 17:19:30	2020-11-26 17:19:31
11	7	Going In	120	2020-11-26 17:19:45	2020-11-26 17:19:45
12	8	Going Out	200	2020-11-26 17:19:58	2020-11-26 17:19:58
13	9	Going In	1	2020-11-26 17:20:49	2020-11-26 17:20:49
14	10	Going Out	2	2020-11-26 17:21:14	2020-11-26 17:21:14
15	11	Going Out	500	2020-11-26 17:21:31	2020-11-26 17:21:32
16	12	Going In	1,000	2020-11-26 17:21:42	2020-11-26 17:21:42
17	13	Going Out	2,000	2020-11-26 17:22:01	2020-11-26 17:22:02
18	14	Going Out	30,000	2020-11-26 17:22:21	2020-11-26 17:22:21
19	15	Going In	1	2020-11-26 17:22:30	2020-11-26 17:22:31
20	4	Going Out	100,000	2020-11-26 17:22:45	2020-11-26 17:22:45
21	16	Going In	10	2020-11-26 17:22:56	2020-11-26 17:22:56
22	17	Going Out	20	2020-11-26 17:23:07	2020-11-26 17:23:08
23	18	Going Out	200,000	2020-11-26 17:23:23	2020-11-26 17:23:24
24	19	Going Out	100	2020-11-26 17:23:37	2020-11-26 17:23:37
25	20	Going in	10	2020-11-26 17:23:49	2020-11-26 17:23:49
26	2	Going Out	20	2020-11-26 17:24:04	2020-11-26 17:24:04
27	4	Restocked	1,000	2020-11-26 17:24:18	2020-11-26 17:24:19
28	5	Going Out	10	2020-11-26 17:24:32	2020-11-26 17:24:32
29	6	Going Out	20	2020-11-26 17:24:43	2020-11-26 17:24:43
30	20	Going In	10	2020-11-26 17:24:59	2020-11-26 17:24:59

Next

Show all

Sorting

Columns (6/6)

Filter

Filter: Regular expression

325 SELECT * FROM `eloquentrelationships1`.`products` LIMIT 1000;

326 SHOW CREATE TABLE `eloquentrelationships1`.`products`;

327 SHOW CREATE TABLE `eloquentrelationships1`.`transactions`;

328 SELECT * FROM `eloquentrelationships1`.`transactions` LIMIT 1000;

329 SHOW CREATE TABLE `eloquentrelationships1`.`transactions`;

29 : 6

Connected: 03:23 h

MariaDB or MySQL 5.7.24

Uptime: 03:27 h

Server time: 5:41 PM

Idle.

Windows taskbar



Transactions:

ID	Status	Quantity	Date And Time	Actions
2	Restocked	50	2020-11-26 17:17:11	Edit Delete
7	Going Out	25	2020-11-26 17:18:50	Edit Delete
26	Going Out	20	2020-11-26 17:24:04	Edit Delete

EDIT DELETE

resources > views > dashboard > index.blade.php > div.container > div.section > table > tbody > tr

```
1  @extends('layouts.master')
2
3  @section('content')
4  <div class="container">
5      <div class="section">
6          <h5>Dashboard</h5>
7          <table>
8              <tr>
9                  <th class="center-align">Product ID</th>
10                 <th class="center-align">Product Name</th>
11                 <th class="center-align">Store Name</th>
12                 <th class="center-align">Latest Transaction</th>
13                 <th class="center-align">Latest Transaction Date</th>
14             </tr>
15             <tbody>
16                 @foreach ($products as $product)
17                     <tr>
18                         <td class="center-align">{{ $product -> id }}
19                         </td>
20                         <td class="center-align">
21                             <a href="/products/{{ $product->id }}">{{ $product -> name }}</a>
22                         </td>
23                         <td class="center-align">
24                             <a href="/stores/{{ $product->store->id }}">{{ $product->store->name }}</a>
25                         </td>
26                         @foreach ($product->transactions as $transaction)
27                             @if ($loop->last)
28                                 <td class="center-align">
29                                     <a href="/transactions/{{ $transaction->id }}">{{ $transaction->status }}
30                                     </a>
31                                 </td>
32                                 <td class="center-align">{{ $transaction->updated_at }}
33                                 </td>
34                             @endif
35                         @endforeach
36                     </tr>
37                 @endforeach
38             </tbody>
39         </table>
40     </div>
41 </div>
42 @endsection
```

This page displays the products, which store they're available, and the latest transaction that was done to each product.

The code loops through the product records in the product table and displays its column values.

The store could be accessed through the Eloquent Relationship that was defined in the model. We put in a "belongsTo" relationship in the Product Model to relate the product to the store model.

The latest transaction was accessed through the Eloquent Relationship "hasMany" that Product and Transaction has. The if block here means that when the foreach loop is doing its last iteration, display the transaction (the latest one) status and its updated_at in the table.

The specific records could be accessed through each of the columns and links.

Host: localhost Database: eloquentrelationships1 Table: stores Data Query				
Next Show all Sorting Columns (5/5) Filter				
id	name	address	created_at	updated_at
1	Store 1	Address 1	2020-11-26 17:04:43	2020-11-26 17:04:43
2	Store 2	Address 2	2020-11-26 17:04:53	2020-11-26 17:04:54
3	Store 3	Address 3	2020-11-26 17:05:02	2020-11-26 17:05:03
4	Store 4	Address 4	2020-11-26 17:05:12	2020-11-26 17:05:13
5	Store 5	Address 5	2020-11-26 17:05:22	2020-11-26 17:05:22
6	Store 6	Address 6	2020-11-26 17:05:30	2020-11-26 17:05:30
7	Store 7	Address 7	2020-11-26 17:05:37	2020-11-26 17:05:38
8	Store 8	Address 8	2020-11-26 17:05:49	2020-11-26 17:05:50
9	Store 9	Address 9	2020-11-26 17:05:57	2020-11-26 17:05:57
10	Store 10	Address 10	2020-11-26 17:06:06	2020-11-26 17:06:06

Filter: Regular expression

```
334 SELECT * FROM `eloquentrelationships1`.`transactions` LIMIT 1000;
335 SHOW CREATE TABLE `eloquentrelationships1`.`transactions`;
336 SHOW CREATE TABLE `eloquentrelationships1`.`stores`;
337 SELECT * FROM `eloquentrelationships1`.`stores` LIMIT 1000;
338 SHOW CREATE TABLE `eloquentrelationships1`.`stores`;
```

Host: localhost Database: eloquentrelationships1 Table: products Data Query					
Next Show all Sorting Columns (6/6) Filter					
id	store_id	name	image	created_at	updated_at
1	1	Toilet Paper	https://cd...	2020-11-26 17:06:49	2020-11-26 17:06:50
2	1	Alcohol	https://d2...	2020-11-26 17:07:24	2020-11-26 17:07:24
3	1	Sanitizer	https://m...	2020-11-26 17:07:57	2020-11-26 17:07:57
4	2	Ferrari	https://ap...	2020-11-26 17:08:21	2020-11-26 17:08:30
5	2	Mustang	https://up...	2020-11-26 17:08:52	2020-11-26 17:08:52
6	3	Golden Retriever	https://w...	2020-11-26 17:09:20	2020-11-26 17:09:21
7	3	German Shepherd	https://s3...	2020-11-26 17:09:43	2020-11-26 17:09:43
8	5	Chair	https://w...	2020-11-26 17:10:14	2020-11-26 17:10:14
9	6	Airplane	https://mi...	2020-11-26 17:10:46	2020-11-26 17:10:47
10	6	Jetplane	https://up...	2020-11-26 17:11:05	2020-11-26 17:11:05
11	7	Grand Theft Auto 5	https://up...	2020-11-26 17:11:47	2020-11-26 17:11:47
12	7	League of Legends: Wild Rift	https://im...	2020-11-26 17:12:25	2020-11-26 17:12:25
13	8	Benchpress	https://cd...	2020-11-26 17:13:14	2020-11-26 17:13:15
14	4	Weed	https://po...	2020-11-26 17:13:39	2020-11-26 17:13:39
15	9	Sniper Rifle	https://up...	2020-11-26 17:14:08	2020-11-26 17:14:09
16	9	LMG	https://up...	2020-11-26 17:14:27	2020-11-26 17:14:28
17	9	RPG	https://up...	2020-11-26 17:14:48	2020-11-26 17:14:48
18	10	Choco Cupcake	https://cd...	2020-11-26 17:15:12	2020-11-26 17:15:12
19	10	Choco Chip	https://jo...	2020-11-26 17:15:36	2020-11-26 17:15:36
20	10	Banana Cake	https://fo...	2020-11-26 17:16:28	2020-11-26 17:16:29

Filter: Regular expression

```
36 SHOW ENGINES;
37 USE `eloquentrelationships1`;
38 SHOW CREATE TABLE `eloquentrelationships1`.`products`;
39 SELECT * FROM `eloquentrelationships1`.`products` LIMIT 1000;
40 SHOW CREATE TABLE `eloquentrelationships1`.`products`;
```

Host: localhost Database: eloquentrelationships1 Table: transactions Data Query					
Next Show all Sorting Columns (6/6) Filter					
id	product_id	status	quantity	created_at	updated_at
1	1	Restocked	100	2020-11-26 17:16:57	2020-11-26 17:16:57
2	2	Restocked	50	2020-11-26 17:17:11	2020-11-26 17:17:11
3	3	Going In	20	2020-11-26 17:17:24	2020-11-26 17:17:24
4	3	Going out	10	2020-11-26 17:17:57	2020-11-26 17:17:58
6	1	Going Out	20	2020-11-26 17:18:36	2020-11-26 17:18:36
7	2	Going Out	25	2020-11-26 17:18:50	2020-11-26 17:18:50
8	4	Going In	40	2020-11-26 17:19:00	2020-11-26 17:19:00
9	5	Going Out	10	2020-11-26 17:19:21	2020-11-26 17:19:21
10	6	Restocked	100	2020-11-26 17:19:30	2020-11-26 17:19:31
11	7	Going In	120	2020-11-26 17:19:45	2020-11-26 17:19:45
12	8	Going Out	200	2020-11-26 17:19:58	2020-11-26 17:19:58
13	9	Going In	1	2020-11-26 17:20:49	2020-11-26 17:20:49
14	10	Going Out	2	2020-11-26 17:21:14	2020-11-26 17:21:14
15	11	Going Out	500	2020-11-26 17:21:31	2020-11-26 17:21:32
16	12	Going In	1,000	2020-11-26 17:21:42	2020-11-26 17:21:42
17	13	Going Out	2,000	2020-11-26 17:22:01	2020-11-26 17:22:02
18	14	Going Out	30,000	2020-11-26 17:22:21	2020-11-26 17:22:21
19	15	Going In	1	2020-11-26 17:22:30	2020-11-26 17:22:31
20	4	Going Out	100,000	2020-11-26 17:22:45	2020-11-26 17:22:45
21	16	Going In	10	2020-11-26 17:22:56	2020-11-26 17:22:56
22	17	Going Out	20	2020-11-26 17:23:07	2020-11-26 17:23:08
23	18	Going Out	200,000	2020-11-26 17:23:23	2020-11-26 17:23:24
24	19	Going Out	100	2020-11-26 17:23:37	2020-11-26 17:23:37
25	20	Going in	10	2020-11-26 17:23:49	2020-11-26 17:23:49
26	2	Going Out	20	2020-11-26 17:24:04	2020-11-26 17:24:04
27	4	Restocked	1,000	2020-11-26 17:24:18	2020-11-26 17:24:19
28	5	Going Out	10	2020-11-26 17:24:32	2020-11-26 17:24:32
29	6	Going Out	20	2020-11-26 17:24:43	2020-11-26 17:24:43
30	20	Going In	10	2020-11-26 17:24:59	2020-11-26 17:24:59

Filter: Regular expression

```
33 SHOW CREATE TABLE `eloquentrelationships1`.`transactions`;
34 SHOW COLLATION;
35 SHOW ENGINES;
36 SELECT * FROM `eloquentrelationships1`.`transactions` LIMIT 1000;
37 SHOW CREATE TABLE `eloquentrelationships1`.`transactions`;
```


JohnMichael499/EloquentRelatio x

Practice Exercise: Eloquent Relati x

Eloquent Relationships 1 x

+

← → ↺

Not secure | eloquentrelationships1.test

🔍 ☆ 🧑 ⚙️ 👤 ⋮

📱 Apps

🌐 Web Dev

📖 Courses

🔒 Ethical Hacking

📦 Dart packages

🛒 Widget catalog - FL...

🛒 ECommerce Web S...

Dashboard

Product ID	Product Name	Store Name	Latest Transaction	Latest Transaction Date
1	Toilet Paper	Store 1	Going Out	2020-11-26 17:18:36
2	Alcohol	Store 1	Going Out	2020-11-26 17:24:04
3	Sanitizer	Store 1	Going out	2020-11-26 17:17:58
4	Ferrari	Store 2	Restocked	2020-11-26 17:24:19
5	Mustang	Store 2	Going Out	2020-11-26 17:24:32
6	Golden Retriever	Store 3	Going Out	2020-11-26 17:24:43
7	German Shepherd	Store 3	Going In	2020-11-26 17:19:45
8	Chair	Store 5	Going Out	2020-11-26 17:19:58
9	Airplane	Store 6	Going In	2020-11-26 17:20:49
10	Jetplane	Store 6	Going Out	2020-11-26 17:21:14
11	Grand Theft Auto 5	Store 7	Going Out	2020-11-26 17:21:32
12	League of Legends: Wild Rift	Store 7	Going In	2020-11-26 17:21:42
13	Benchpress	Store 8	Going Out	2020-11-26 17:22:02
14	Weed	Store 4	Going Out	2020-11-26 17:22:21
15	Sniper Rifle	Store 9	Going In	2020-11-26 17:22:31
16	LMG	Store 9	Going In	2020-11-26 17:22:56
17	RPG	Store 9	Going Out	2020-11-26 17:23:08
18	Choco Cupcake	Store 10	Going Out	2020-11-26 17:23:24
19	Choco Chip	Store 10	Going Out	2020-11-26 17:23:37
20	Banana Cake	Store 10	Going In	2020-11-26 17:24:59

⬆️ 🔒 🔋 📶 🔊 🖨️ ENG 5:52 PM 🗨️