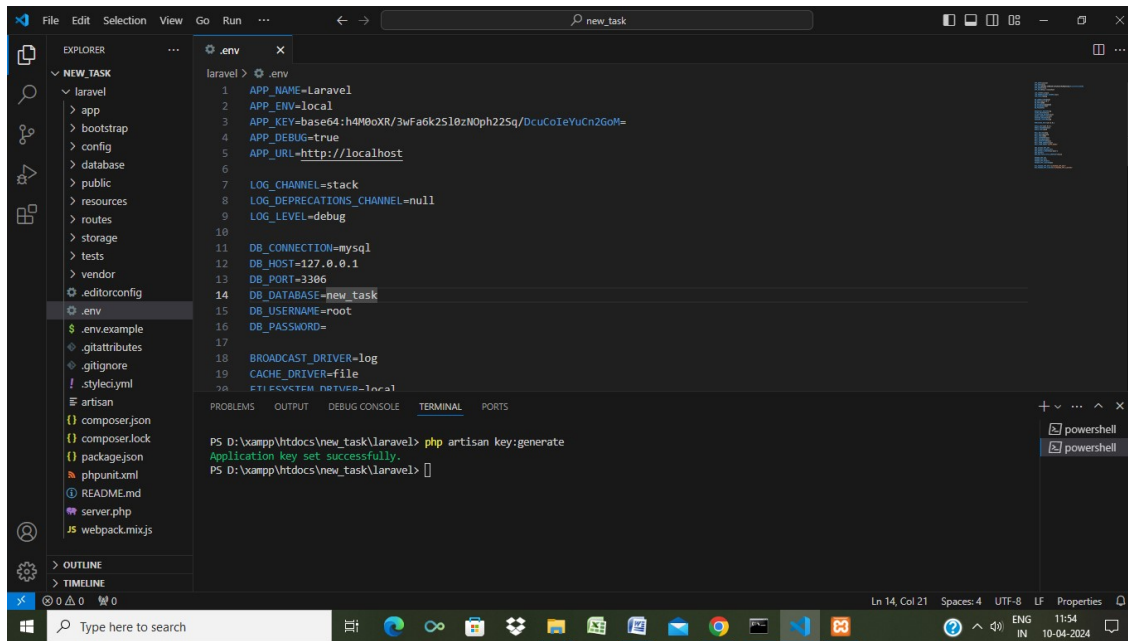


Set up Laravel

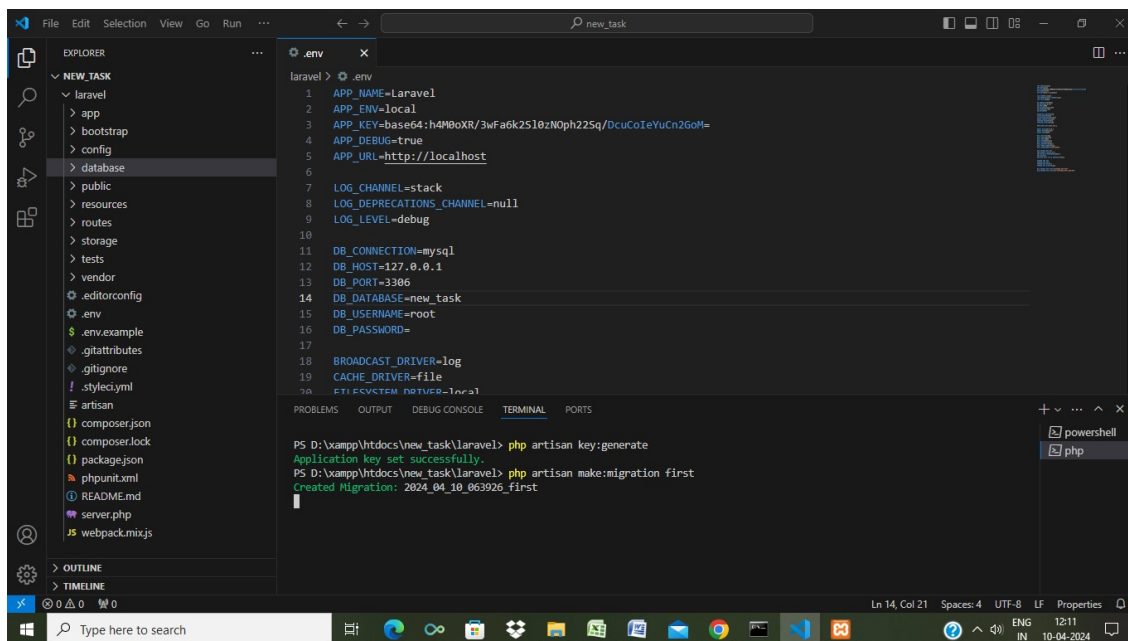
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18362.959]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\xampp\htdocs\new_task>composer create-project laravel/laravel
```

```
C:\Windows\System32\cmd.exe
- Installing sebastian/object-enumerator (4.0.4): Extracting archive
- Installing sebastian/global-state (5.0.7): Extracting archive
- Installing sebastian/exporter (4.0.6): Extracting archive
- Installing sebastian/environment (5.1.5): Extracting archive
- Installing sebastian/diff (4.0.6): Extracting archive
- Installing sebastian/comparator (4.0.8): Extracting archive
- Installing sebastian/code-unit (1.0.8): Extracting archive
- Installing sebastian/cli-parser (1.0.2): Extracting archive
- Installing phpunit/php-timer (6.0.3): Extracting archive
- Installing phpunit/php-text-template (2.0.4): Extracting archive
- Installing phpunit/php-invoker (3.1.1): Extracting archive
- Installing phpunit/php-file-iterator (3.0.6): Extracting archive
- Installing theseer/tokenizer (1.2.3): Extracting archive
- Installing sebastian/lines-of-code (1.0.4): Extracting archive
- Installing sebastian/complexity (2.0.2): Extracting archive
- Installing sebastian/code-unit-reverse-lookup (2.0.3): Extracting archive
- Installing phpunit/php-code-coverage (9.2.31): Extracting archive
- Installing phar-io/version (3.2.1): Extracting archive
- Installing phar-io/manifest (2.0.4): Extracting archive
- Installing myclabs/deep-copy (1.11.1): Extracting archive
- Installing doctrine/instantiator (1.5.0): Extracting archive
- Installing phpunit/phpunit (9.6.19): Extracting archive
80 package suggestions were added by new dependencies, use `composer suggest` to see details.
Package fruitcake/laravel-cors is abandoned, you should avoid using it. No replacement was suggested.
Package swiftmailer/swiftmailer is abandoned, you should avoid using it. Use symfony/mailer instead.
Generating optimized autoload files
> illuminate\Foundation\ComposerScripts::postAutoloadDump
> @php artisan package:discover --ansi
Discovered Package: facade/ignition
Discovered Package: fruitcake/laravel-cors
Discovered Package: laravel/sail
Discovered Package: laravel/sanctum
Discovered Package: laravel/tinker
Discovered Package: nesbot/carbon
Discovered Package: nunomaduro/collision
Package manifest generated successfully.
79 packages you are using are looking for funding.
Use the `composer fund` command to find out more!
> @php artisan vendor:publish --tag=laravel-assets --ansi --force
No publishable resources for tag [laravel-assets].
Publishing complete.
> @php artisan key:generate --ansi
Application key set successfully.
```



Generate a migration :



This screenshot shows the Visual Studio Code editor with a Laravel project. The Explorer sidebar on the left shows the project structure, including the 'migrations' directory. The main editor window displays the file '2024_04_10_063926_first.php' with the following PHP code:

```
8 {
9     /**
10      * @return void
11      */
12     public function up()
13     {
14         Schema::create('first', function (Blueprint $table) {
15             $table->id();
16             $table->string('title');
17             $table->text('description')->nullable();
18             $table->boolean('completed')->default(false);
19             $table->timestamps();
20         });
21     }
22
23     /**
24      * Reverse the migrations.
25      *
26      * @return void
27      */
28     public function down()
29     {
30         Schema::dropIfExists('first');
31     }
32 }
```

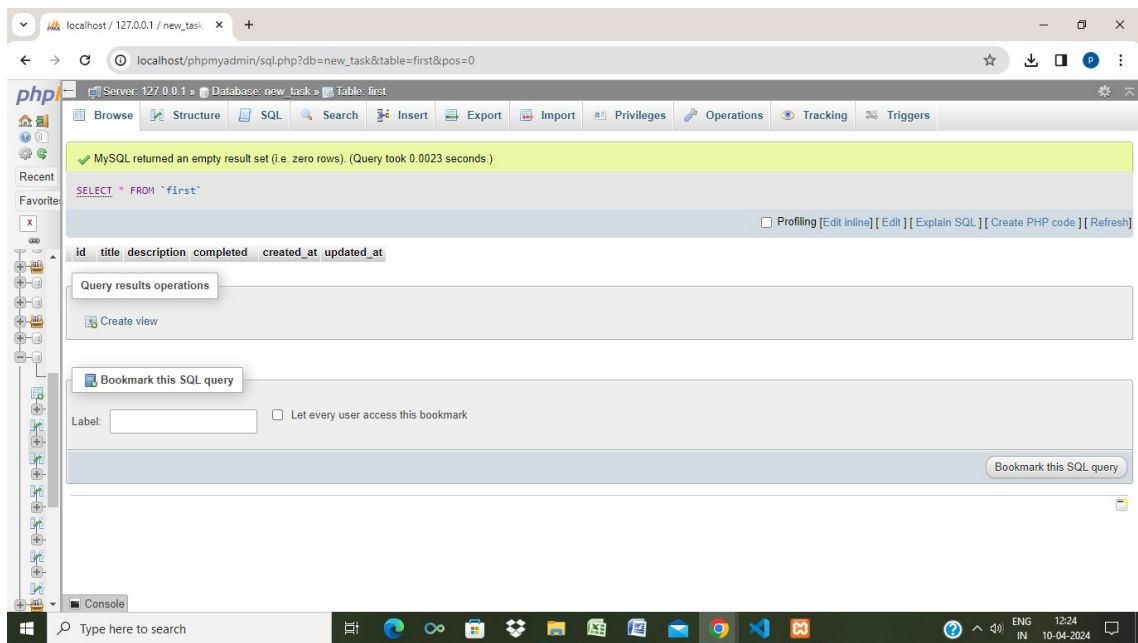
The status bar at the bottom indicates the cursor is at line 19, column 53.

This screenshot shows the same Visual Studio Code editor with the terminal window open at the bottom. The terminal displays the output of the command 'php artisan migrate' executed in the project directory. The output shows the successful creation of the 'first' table and the migration of several other tables.

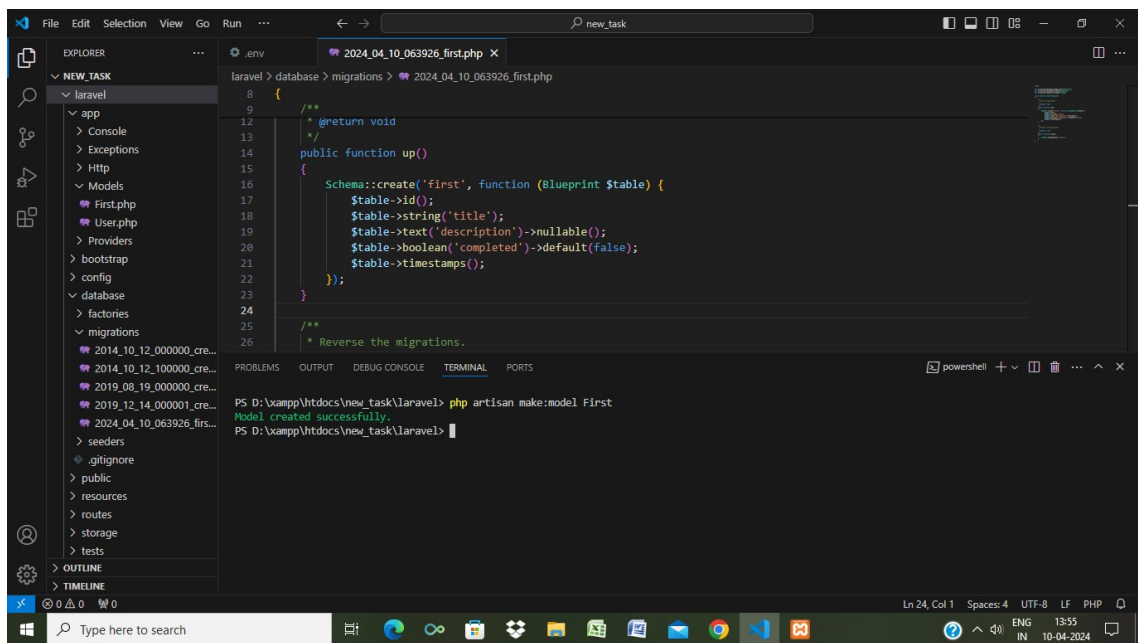
```
PS D:\xampp\htdocs\new_task\laravel> php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table (710.13ms)
Migrating: 2019_08_19_000000_create_failed_jobs_table
Migrated: 2019_08_19_000000_create_failed_jobs_table (1,374.23ms)
Migrating: 2019_12_14_000001_create_personal_access_tokens_table
Migrated: 2019_12_14_000001_create_personal_access_tokens_table (1,588.73ms)
Migrating: 2024_04_10_063926_first
Migrated: 2024_04_10_063926_first (476.06ms)
PS D:\xampp\htdocs\new_task\laravel>
```

The status bar at the bottom indicates the cursor is at line 19, column 53.

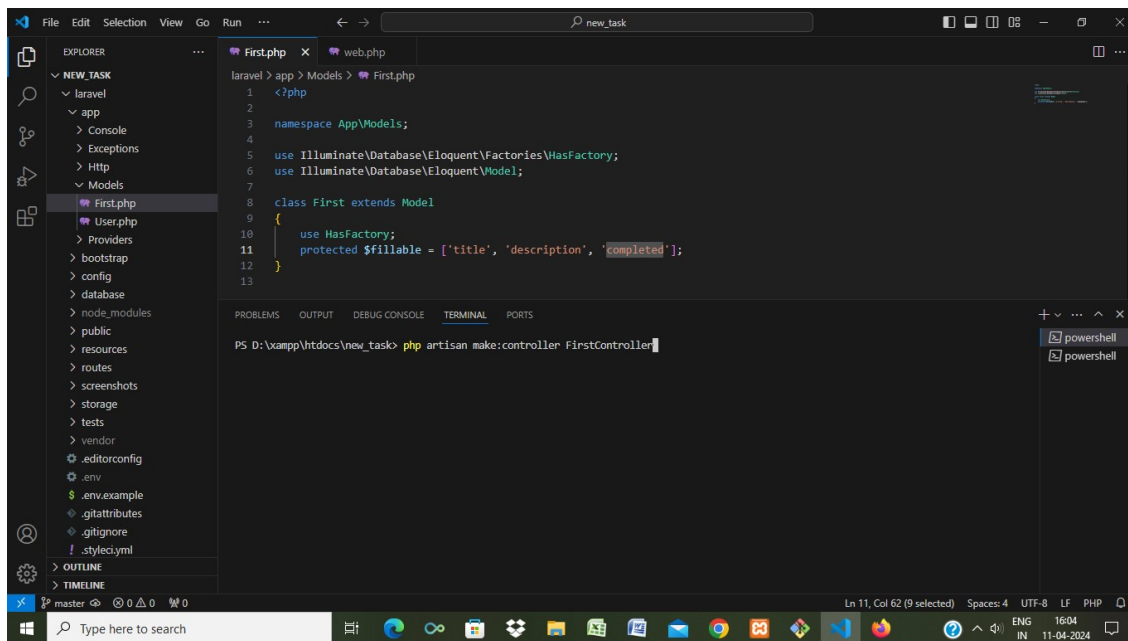
The table schema :



Create a Model:

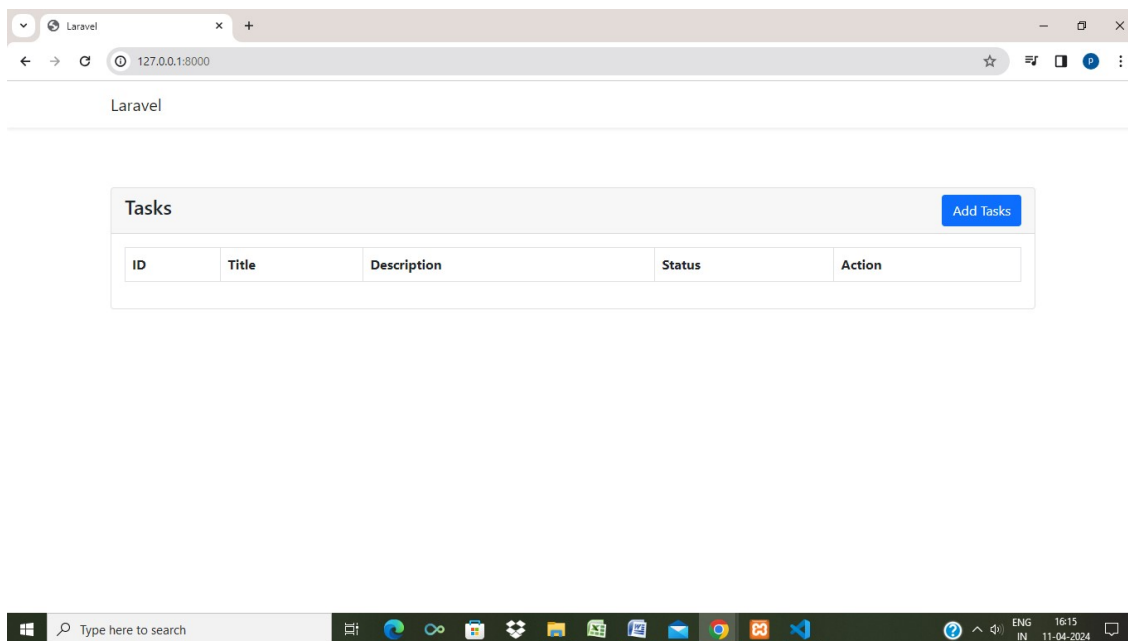


Create a Controller:



"After creating the Blade files to view the page on the controller function, I have added some screenshots to showcase the output."

View:



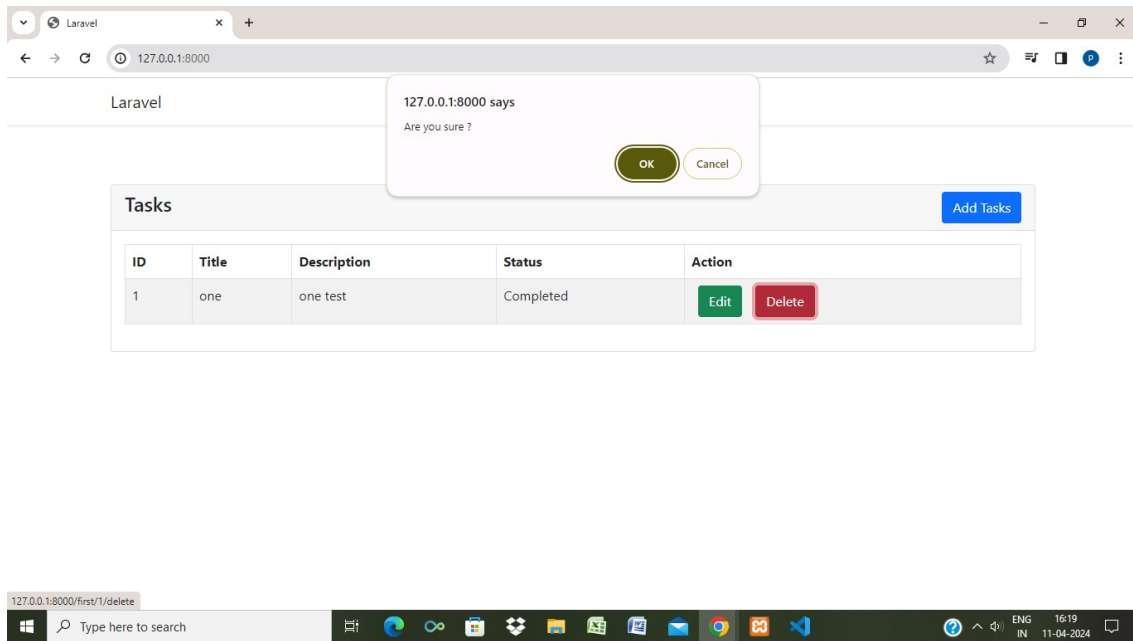
Create:

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/first/create'. The page content includes a header 'Laravel' and a main form titled 'Add Tasks'. The form has two input fields: 'Title' with the value 'one' and 'Description' with the value 'one description'. Below the description field is a 'Completed' checkbox that is checked. A blue 'Submit' button is located at the bottom left of the form, and a blue 'Back' button is at the top right. The Windows taskbar at the bottom shows various application icons and the system clock indicating 16:16 on 11-04-2024.

Edit:

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:8000/first/1/edit'. The page title is 'Laravel'. A green message box at the top indicates 'Task updated successfully!'. Below this is a form titled 'Edit Tasks' with a 'Back' button. The form contains two input fields: 'Title' with the value 'one' and 'Description' with the value 'one test'. There is a 'Completed' checkbox which is checked, and an 'Update' button at the bottom of the form.

Delete:



Export a database using command line:

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.18362.959]
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D:\xampp\mysql\bin>mysqldump -u root -p new_task > new_task.sql
Enter password:
^C
D:\xampp\mysql\bin>mysqldump -u root new_task > new_task.sql
D:\xampp\mysql\bin>
```