

Lab #10(b)

Lab #10(b) Setup the database in Laravel.

COMMAND USED	ATTRIBUTES USED	DESCRIPTION
Artisan	make:controller, make:model, make:migration, serve	In Laravel, Artisan is a command-line tool that provides a wide range of commands for various tasks related to the development and management of Laravel applications. Artisan simplifies common development tasks by automating them through command-line commands.

Final Outcome:

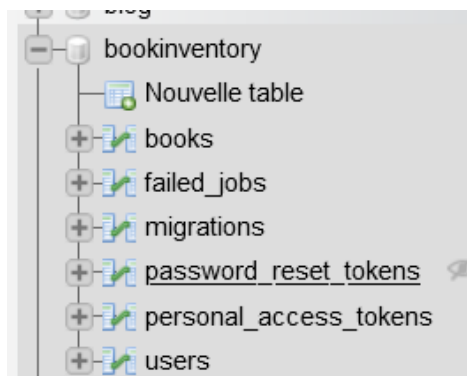
```
$ php artisan migrate

INFO: Preparing database.

Creating migration table ..... 6,667ms DONE

INFO: Running migrations.

2014_10_12_000000_create_users_table ..... 4,434ms DONE
2014_10_12_100000_create_password_reset_tokens_table ..... 3,689ms DONE
2019_08_19_000000_create_failed_jobs_table ..... 4,097ms DONE
2019_12_14_000001_create_personal_access_tokens_table ..... 6,542ms DONE
2023_10_02_123610_create_books_table ..... 3,602ms DONE
```



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Code Snippet:

Let's configure database connection by editing the `.env` file in the project root. Set the database connection details, including `DB_HOST`, `DB_PORT`, `DB_DATABASE`, `DB_USERNAME`, and `DB_PASSWORD`.

Env:

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=bookinventory
DB_USERNAME=root
DB_PASSWORD=
```

Let's create a migration for the books table by running the following command:

Bash

```
php artisan make:migration create_books_table
```

Php class migration

```
public function up()
{
    Schema::create('books', function (Blueprint $table) {
        $table->id();
        $table->string('title');
        $table->integer('isbn_no');
        $table->string('author');
        $table->string('publisher');
        $table->string('edition');
        $table->string('category');
        $table->integer('rack');
        $table->integer('total_no_copy');
        $table->integer('price');
        $table->integer('quantity');
        $table->timestamps();
    });
}
```

Let's run the migration to create the "books" table in our database:

bash

```
php artisan migrate
```