

# SETUP GUIDE

Book store test

## Requirement and Assumption

- Apache 2
- Php 7.2
- Composer

Assuming have a knowledge on setting up a simple server and having basic CLI knowledge.

### 1. Get files

Extract from Zip file or clone using Git

```
git clone https://github.com/dzero1/99xt\_test.git book_store
cd book_store
```

### 2. Composer install

```
composer install
```

### 3. Run using symfony CLI

```
symfony server:start
```

#### Or using WAMP/LAMP/XAMP/MAMP

Make a symbolic link for “Public” folder on “www” folder. Edit the .htaccess file inside the public folder accordingly.

```
# update this line according to symlink path
# RewriteRule . /{symlink path}/index.php [L]
RewriteRule . /bookstore/index.php [L]
```

### 4. Create database schema

Make a schema as “99xt\_store\_system”.

Make sure to change user, password and host from .env file, according to your system.

```
# MySQL Database
DATABASE_URL="mysql://root:password@127.0.0.1:3306/99xt_store_system"
```

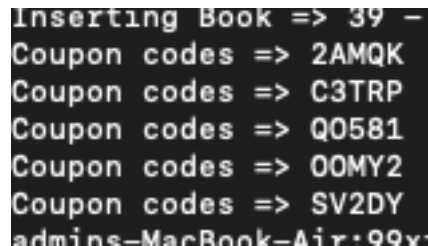
### 5. Run migration

```
php bin/console doctrine:migrations:migrate
```

## 6. Add default data

```
php bin/console app:default-data
```

After run above command and you will see the auto generated coupon codes

A terminal window showing the output of the 'app:default-data' command. It lists five generated coupon codes: 2AMQK, C3TRP, Q0581, 00MY2, and SV2DY. The prompt 'admins-MacBook-Air:99x' is visible at the bottom.

```
Inserting Book => 39 -  
Coupon codes => 2AMQK  
Coupon codes => C3TRP  
Coupon codes => Q0581  
Coupon codes => 00MY2  
Coupon codes => SV2DY  
admins-MacBook-Air:99x
```

That's it. If you used symfony CLI browse to <http://127.0.0.1:8000> or follow the localhost path

To run Unit testing use following commands

To test web routers:

```
php bin/phpunit tests/Controllers/WebsiteTest.php
```

Test for discount:

```
php bin/phpunit tests/Controllers/DiscountTest.php
```