

**IS ELEC 02 | WEB SYSTEM**

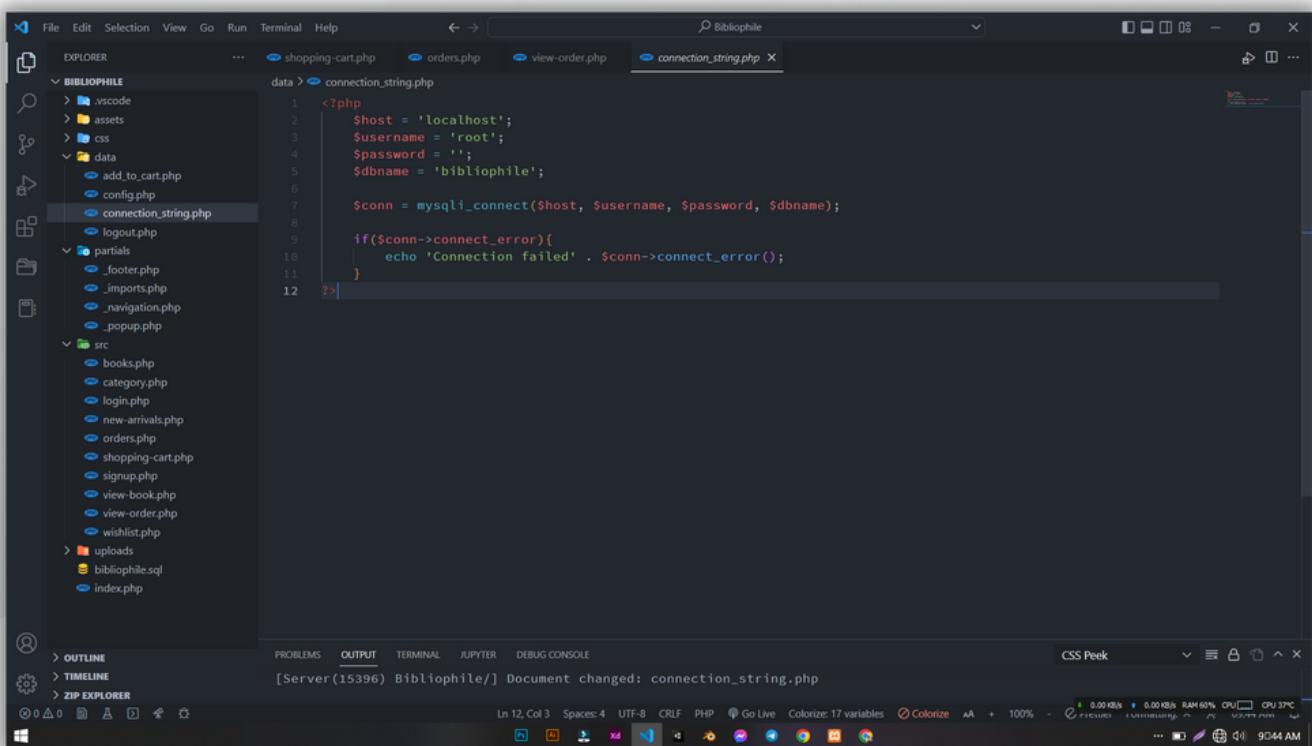
# **PHP SCRIPTS**

**MIDTERM PROJECT**

**GROUP 4:**

Maricar Romero  
Reggie Reblando  
Alyssa Ragos  
Jayzielyn Oguira

# CONNECTING TO DATABASE



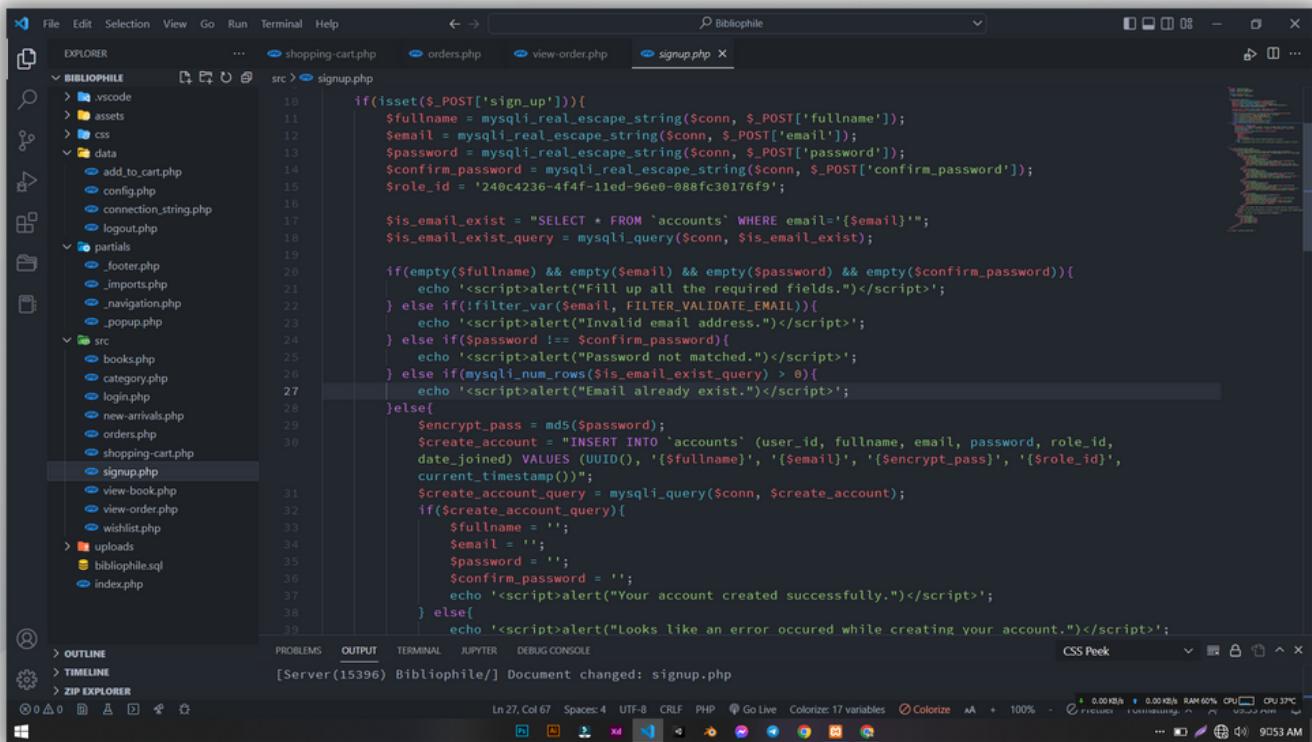
The screenshot shows a Microsoft Visual Studio Code (VS Code) interface. The title bar reads "Bibliophile". The left sidebar is the "EXPLORER" view, showing a project structure for a PHP application named "BIBLIOPHILE". The "connection\_string.php" file is open in the main editor area. The code is as follows:

```
<?php  
$host = 'localhost';  
$username = 'root';  
$password = '';  
$dbname = 'bibliophile';  
  
$conn = mysqli_connect($host, $username, $password, $dbname);  
  
if($conn->connect_error){  
    echo 'Connection failed' . $conn->connect_error();  
}  
?>
```

The bottom status bar shows the file path "[Server(15396) Bibliophile/] Document changed: connection\_string.php", the line number "Ln 12, Col 3", and the character count "Spaces: 4". It also displays system information like CPU usage and memory usage.

First we declared 4 variables with server and database configuration. In order to connect to the database, we used the `mysqli_connect()` function and passed the 4 variable inside the function. Then we used an if condition to display an error if the MySQL connection and configuration were incorrect.

# INSERTING DATA TO DATABASE (SIGN-UP)

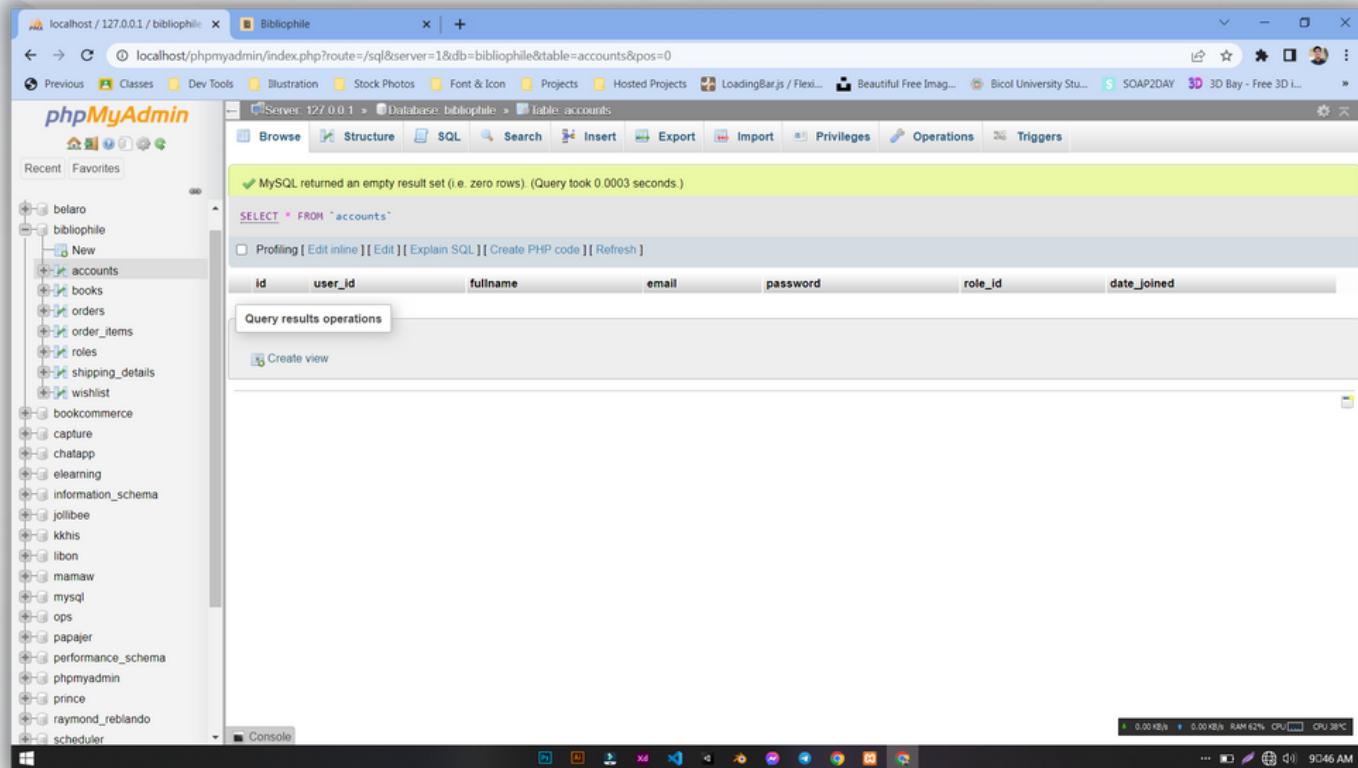


The screenshot shows a code editor interface with the following details:

- File Path:** BIBLIOPHILE/src/signup.php
- Code Content:** A PHP script for handling sign-up requests. It includes variable declarations for fullname, email, password, and confirm\_password, and uses MySQLi functions to escape strings and execute queries. It also includes validation logic for empty fields, invalid email addresses, and password mismatch.
- Output Panel:** Shows the message "[Server(15396) Bibliophile/] Document changed: signup.php".
- Bottom Status Bar:** Displays system information like CPU usage (RAM 60%, CPU 37%), memory (0.00 kB/s), and disk (0.00 kB/s).

On the sign up page, we use the `isset()` function to detect if the sign up button is pressed or clicked by the user. If the condition is true, we declare five variables and pass the information entered by the user to the signup field. Then we used a `SELECT` query to see if the users' information was in the database. If the information exists, we display a notification error to the users. If the information does not exist, we use `if` and `else if` statements to validate the information entered by the users, like if all the fields are not empty, check the email if valid, and make sure the password matches. If all the validations are passed, then we use the `INSERT` query to insert the record into the database and to register the users.

# DATABASE WITHOUT RECORDS:

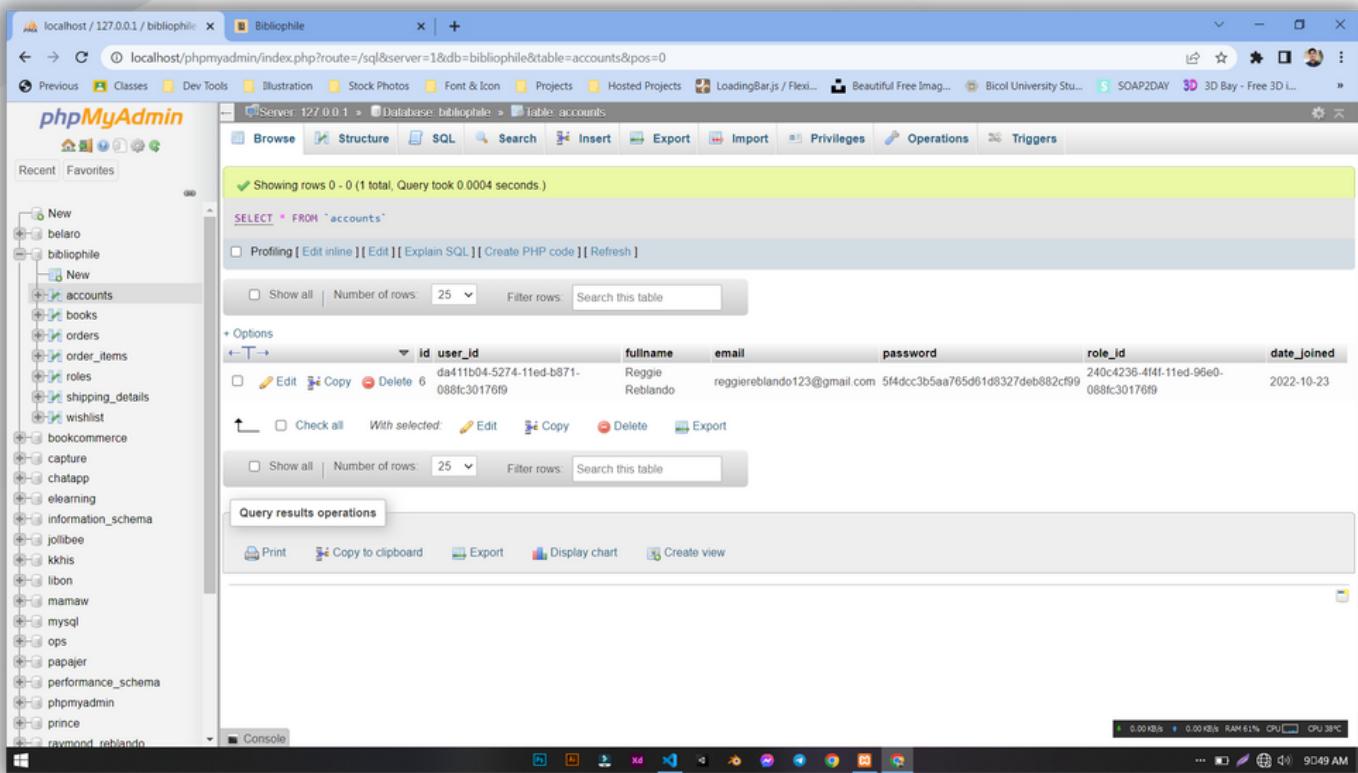


The screenshot shows the phpMyAdmin interface for the 'bibliophile' database. The left sidebar lists various databases and tables, including 'accounts'. The main panel displays the 'accounts' table with the following structure:

ID	user_id	fullname	email	password	role_id	date_joined
MySQL returned an empty result set (i.e. zero rows) (Query took 0.0003 seconds.)						

The status bar at the bottom right indicates CPU usage at 38%.

# DATABASE WITH RECORDS:



The screenshot shows the phpMyAdmin interface for the 'bibliophile' database. The left sidebar lists various databases and tables, including 'accounts'. The main panel displays the 'accounts' table with the following structure:

ID	user_id	fullname	email	password	role_id	date_joined
1	d441b04-5274-11ed-b871-088fc301769	Reggie Reblando	reggiereblando123@gmail.com	5f4dcc3b5aa765d81d8327deb882cf99	240c4236-414f-11ed-96e0-088fc301769	2022-10-23

The status bar at the bottom right indicates CPU usage at 38%.

# PAGE:

localhost / 127.0.0.1 / bibliophile    Bibliophile

← → ⌂ localhost/Bibliophile/src/signup.php

Previous Classes Dev Tools Illustration Stock Photos Font & Icon Projects Hosted Projects LoadingBar.js / Flexi... Beautiful Free Imag... Bicol University Stu... SOAP2DAY 3D Bay - Free 3D I...

Create Your **Bibliophile** Account Right Now!

Fullscreen

Fullname

Email

Password

Confirm Password

**Sign Up**

Already have an account? [Login](#)

[Go to Homepage.](#)

ARIEL DALZIEL

KRISTIN ROUSE

MORTIGA

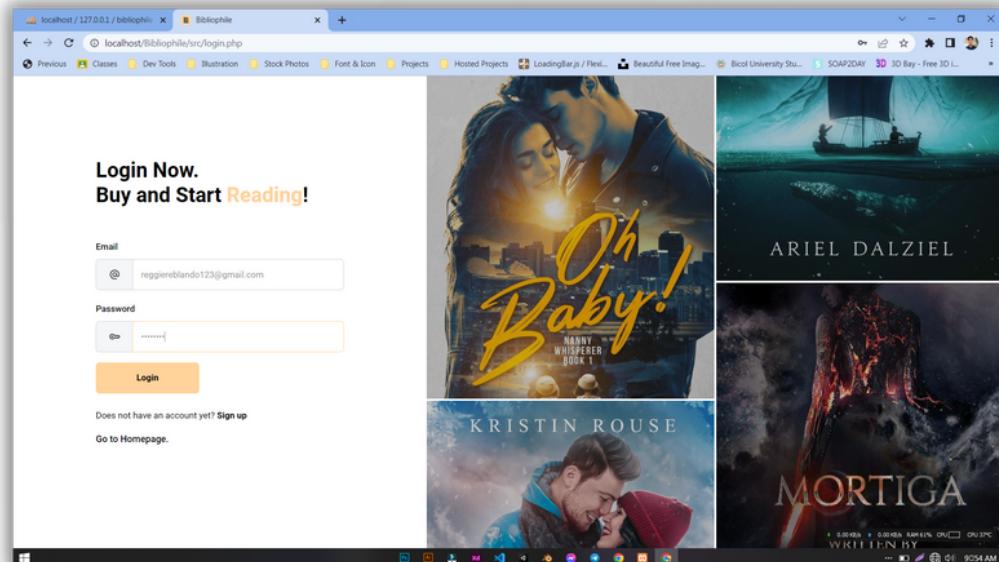
Written by

# **SUPPLEMENTARY COMMAND: SELECTING DATA FROM DATABASE (LOG-IN)**

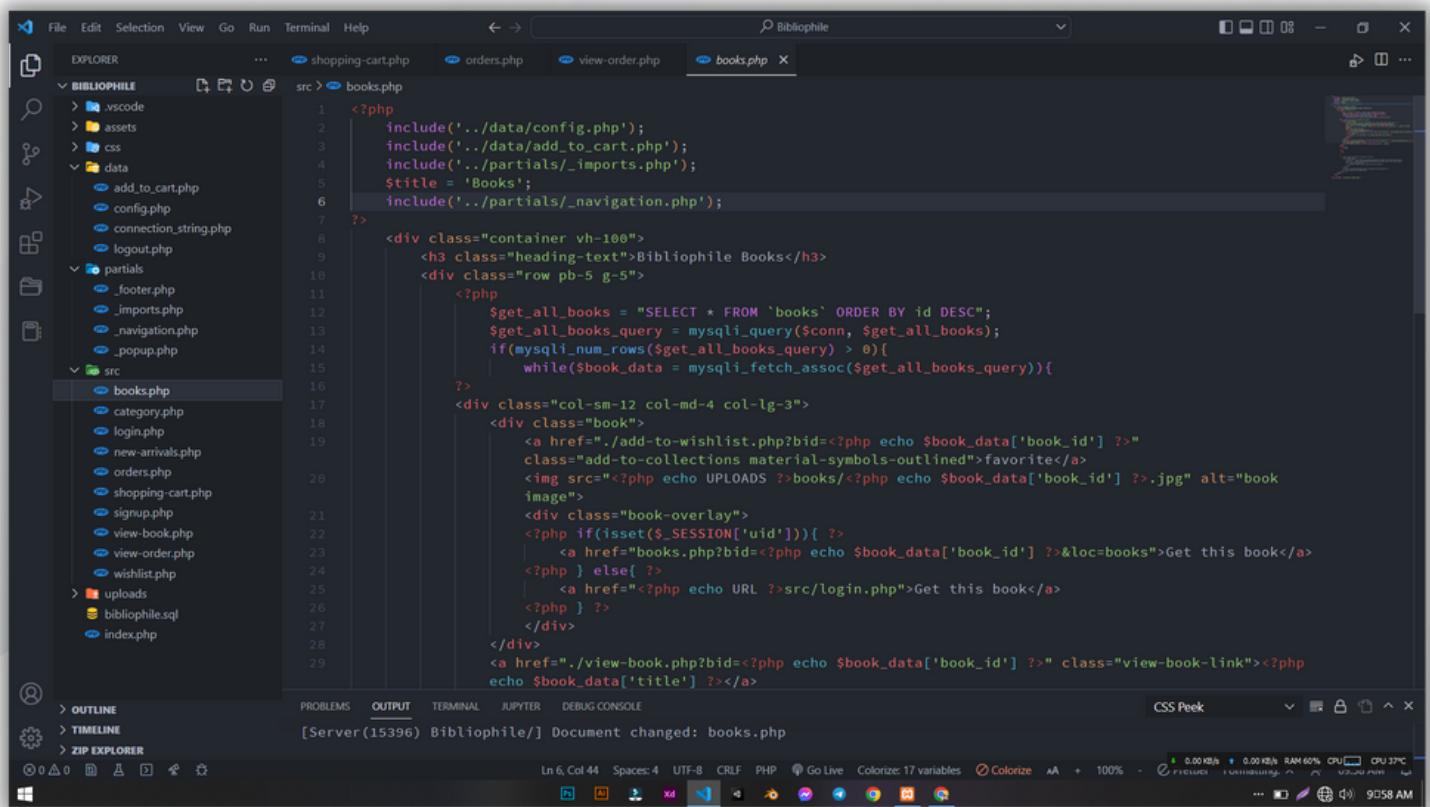
Just like on the sign up page, we also used the `isset()` function in the login form to determine if the login button was clicked by the user. However, unlike on the sign up page where an `INSERT` query is used, in the login form we used a `SELECT` query and an if-else condition in order to search if the information that has been input from the form (email and password) has a record in the database. If the condition is met, the user will be redirected to the books section where he/she can order.

The screenshot shows a Microsoft Visual Studio Code window with the following details:

- File Explorer:** Shows a file tree for a project named "BIBLIOPHILE". The "src" folder contains several PHP files: "login.php", "add\_to\_cart.php", "config.php", "connection\_string.php", "logout.php", and "partials" (which includes "footer.php", "imports.php", "navigation.php", and "popup.php").
- Code Editor:** The main editor area displays a PHP script named "login.php". The code handles user login, checks for required fields, encrypts the password, and performs a database query to validate the credentials. It also manages session variables for user and role information.
- Bottom Bar:** Includes tabs for "OUTLINE", "TIMELINE", and "ZIP EXPLORER".
- Bottom Status Bar:** Shows the file path "[Server(15396) Bibliophile/] Document changed: login.php"] and system status like "Ln 25, Col 49" and "CPU 100%".



# DISPLAYING DATA FROM DATABASE (BOOKS)

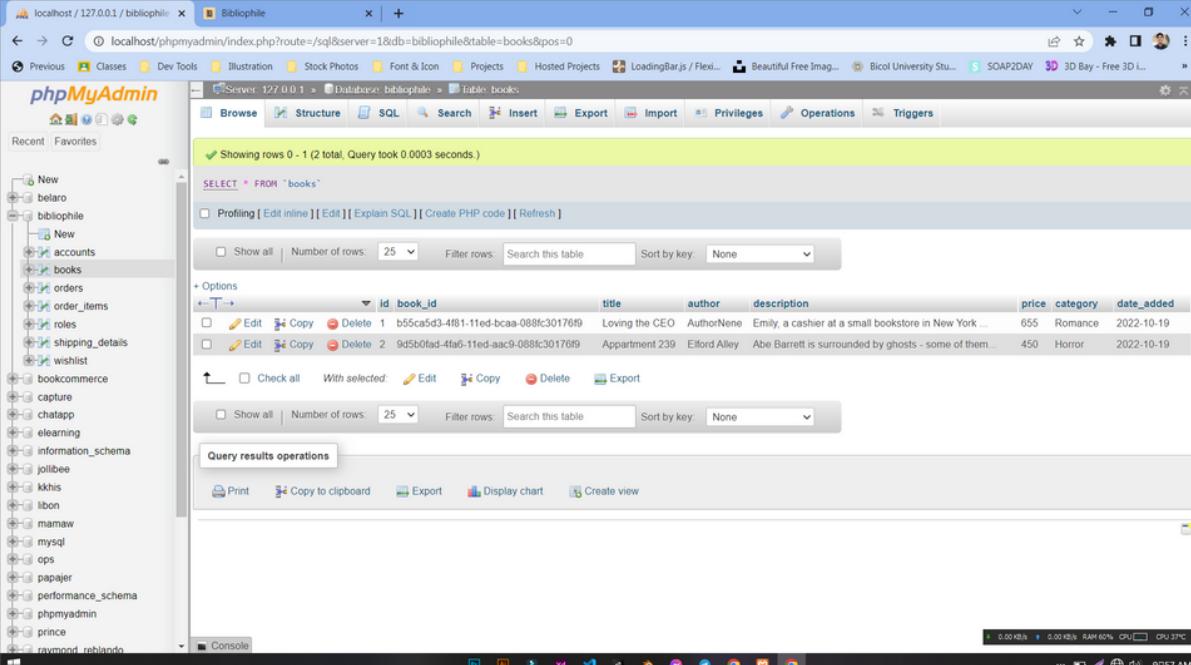


The screenshot shows the VS Code interface with the following details:

- File Explorer:** Shows the project structure under "BIBLIOPHILE". The "src" folder contains several PHP files: books.php, category.php, login.php, new-arrivals.php, orders.php, shopping-cart.php, signup.php, view-book.php, view-order.php, and wishlist.php. It also includes ".vscode", "assets", "css", "data", "connection\_string.php", "logout.php", and "uploads/bibliophile.sql".
- Code Editor:** The active file is "books.php". The code displays a list of books from a MySQL database using PHP and HTML. It includes a header section with a title and a main content section where it loops through the database results to create a list of books with their titles, descriptions, and links to view details.
- Bottom Status Bar:** Shows the file path "[Server(15396) Bibliophile/] Document changed: books.php", the current line (Ln 6, Col 44), and various system metrics like RAM usage and CPU temperature.

In the book section, in order to DISPLAY the list of books stored in the database, we used a SELECT \* query to get the books from the database. We also set ORDER BY to DESCENDING order to organize the data from the database. In order to display all the list of books on the page, we used a WHILE loop and a function called mysqli\_fetch\_assoc() under the if condition.

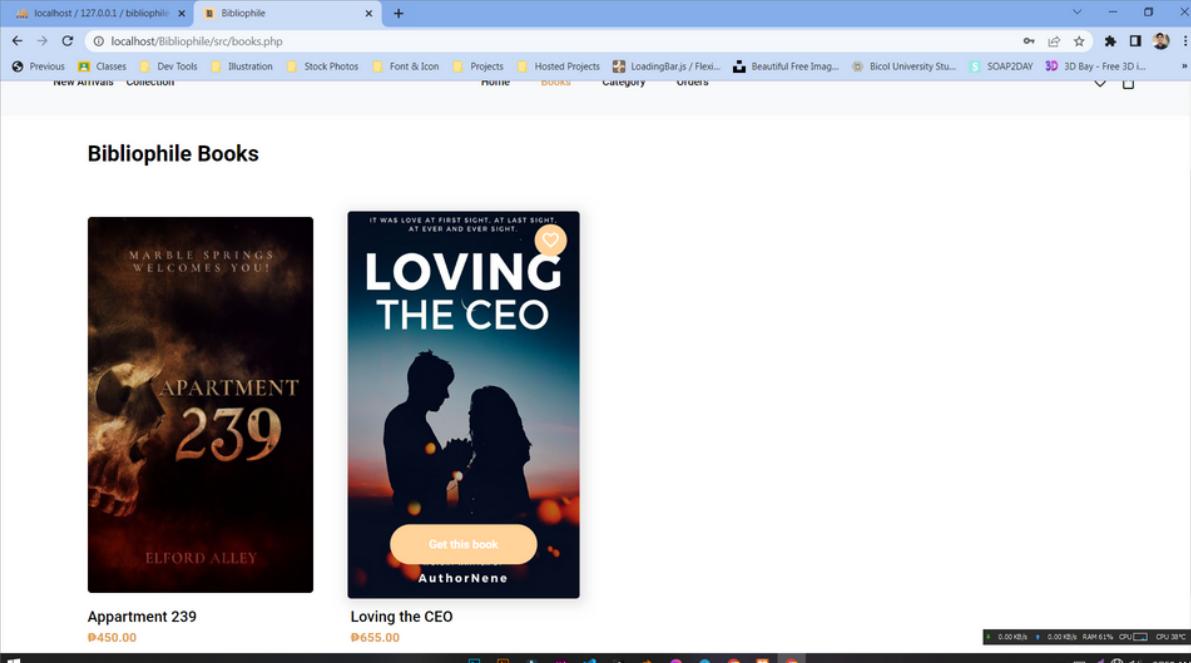
# DATABASE:



The screenshot shows the phpMyAdmin interface connected to a MySQL server at localhost:127.0.0.1. The database selected is 'bibliophile'. The 'books' table is currently displayed. The table has columns: id, book\_id, title, author, description, price, category, and date\_added. Two rows of data are visible:

	id	book_id	title	author	description	price	category	date_added
	1	b55ca5d3-4f81-11ed-bcaa-088fc30176ff	Loving the CEO	AuthorNene	Emily, a cashier at a small bookstore in New York ...	655	Romance	2022-10-19
	2	9d5b0fad-ffa5-11ed-aac9-088fc30176ff	Apartment 239	Elford Alley	Abe Barrett is surrounded by ghosts - some of them.	450	Horror	2022-10-19

# PAGE:



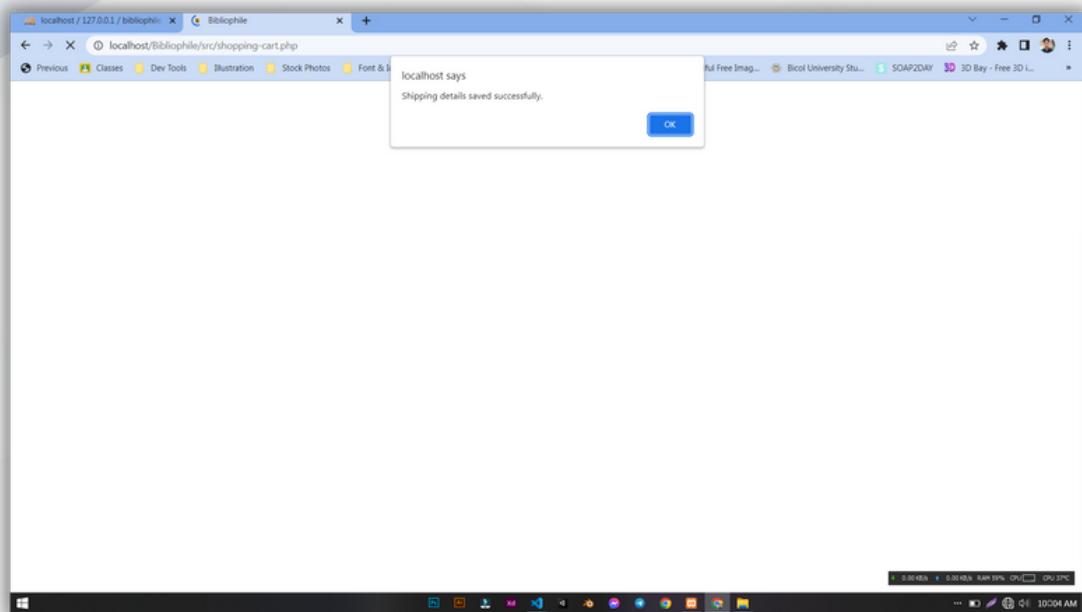
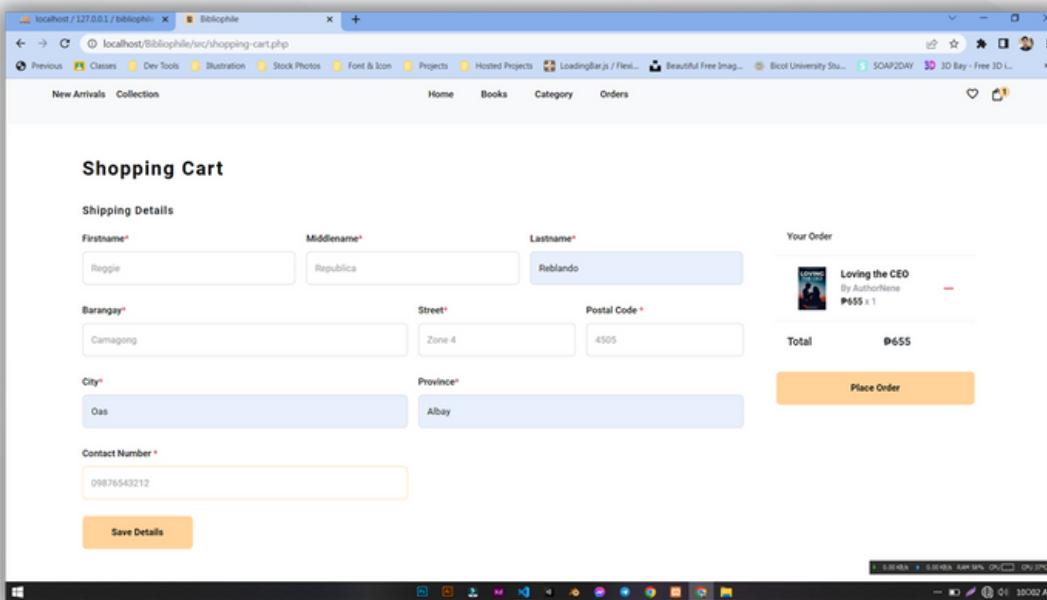
The screenshot shows a web browser displaying the 'books.php' page of the 'Bibliophile' website. The URL is localhost:127.0.0.1/bibliophile. The page features two book covers: 'Apartment 239' by Elford Alley and 'Loving the CEO' by AuthorNene. Both books have a price of \$450.00.

**Bibliophile Books**

**Apartment 239**  
\$450.00

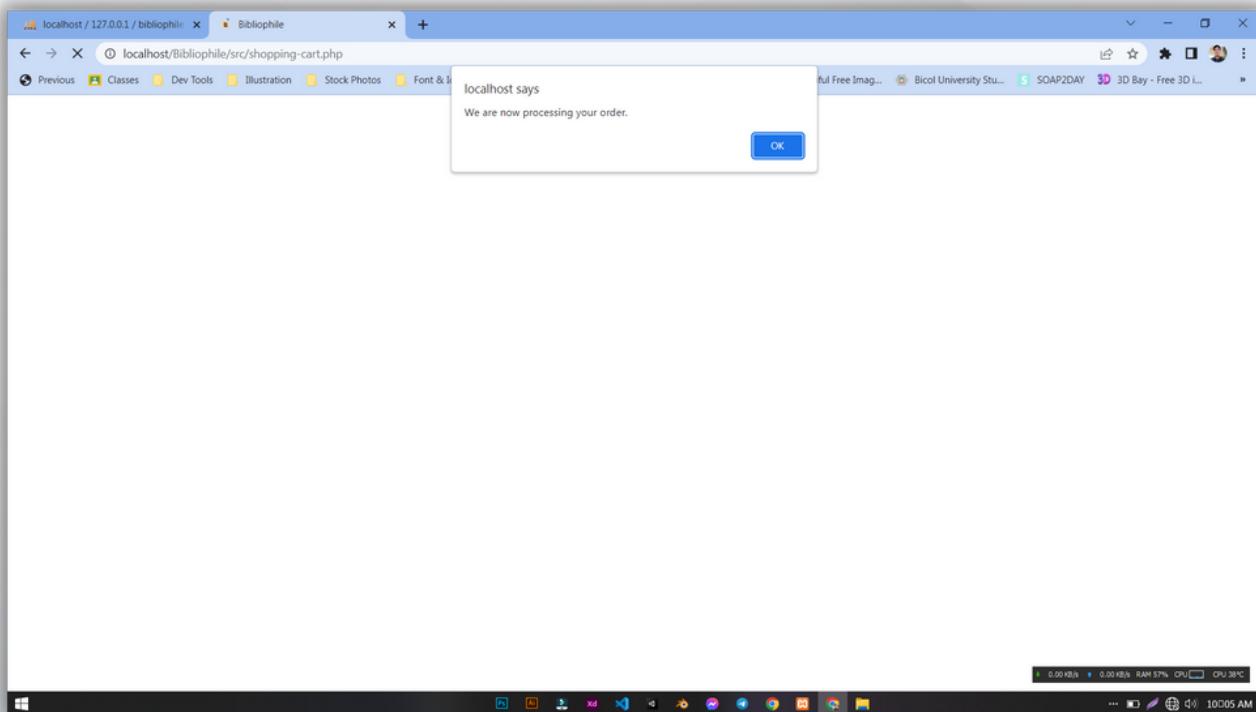
**Loving the CEO**  
\$655.00

# HOW DO I ADD AN ITEM TO THE SHOPPING CART?



Users may now add a book to their basket by selecting the "get this book" button. When customers click the item, it will be added to their shopping basket automatically. The next step is to enter the online personal information requested when submitting the order, such as the firstname, middlename, and lastname, as well as precise address and contact information. All changes will be saved by clicking the "save information" button.

# CONTINUATION...



A screenshot of a Microsoft Edge browser window showing the 'Orders' page of a website. The address bar shows 'localhost / 127.0.0.1 / bibliophile' and the page title is 'Bibliophile'. The header includes a logo, a search bar, and a 'Logout' button. Below the header, there are navigation links for 'New Arrivals', 'Collection', 'Home', 'Books', 'Category', and 'Orders'. The main content area is titled 'Orders' and contains a table titled 'Order Details'. The table has columns: Order No., Amount, Item Count, Status, and Date Ordered. One row is visible with the values: Order No. 333084203, Amount ₱655.00, Item Count 1, Status Processing, and Date Ordered 10-23-2022. There is also a link 'View Order Items' next to the date. The status 'Processing' is highlighted with a yellow background. The bottom of the browser window shows the Windows taskbar with various pinned icons.