asgn06 - Intro to OOP DB

Objectives

- Connect to a database using MySQLi
- Create a database on your webhost
- Run your database and PHP code from your webhost

Intro

In this assignment you are required to set up the **chain gang** exercise from LinkedIn/Learning and recreate the same scenario for **birds**.

NOTE: Kevin uses the CLI for MySQL. You may choose whichever tool works best for you. Share with the class if you find something you like better than the CLI or PHPMyAdmin.

Bikes - local setup

- Create a new folder named `asgn06-bike`
- Watch the first **two** chapters from PHP: Object-Oriented Programming with Databases
- Code along with the author and set up the **chain gang** database locally.

Git

- Stage and commit your `web250` folder making sure it includes your `asgn06-bike` folder.
- Create a new branch named `asgn06-oopdb`
- Switch to the new branch
- Write your code.
- Stage and commit once you are finished.
- Switch to `main`
- Merge with your `asgn06-oopdb` branch.
- Push (`git push --all`) to your GitHub account.

Use your webhost

- Create a database on your webhost. We will review this in class.
- Modify your **db_credentials.php** file so it correctly references your webhost database credentials.
- Upload your **chain gang** code to your webhost.
- Test your code.

Update your index.html file

Add the necessary links to your **index.html** file so your instructor can easily open and view your site.

Birds - local setup

- Create a new folder named `asgn06-bird`.
- Download the `birds.sql` file and create a new database.
- Use the same concepts like you did for **chain gang**.

Show all bird records

Instead of showing just one record like Kevin Skoglund does, re-write the table so it displays all of the records.

Hints

- You will need a `foreach` statement to loop through the array returned from the query.
- Use AI if you need some help.
- If you use AI, be sure to read your code and make sure you understand it. If you don't understand it, then ask AI to add comments so you learn from it.
- Test your code to make sure it displays all of the birds.

Git

- Same process as previous git requirements.

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Submit

- Submit your GitHub and Web addresses in the comments section of Moodle.