

Workshop -7

Student Grade Portal with Authentication and State Management

1. DataBase Design (herald_db)

- **Queries.sql**

The screenshot shows the Sublime Text editor with multiple tabs open, including 'db.php', 'login.php', 'register.php', 'dashboard.php', 'preference.php', 'style.css', and 'queries.sql'. The 'queries.sql' tab contains the following SQL code:

```
CREATE DATABASE herald_db;
USE herald_db;
CREATE TABLE students (
    id INT AUTO_INCREMENT PRIMARY KEY,
    student_id VARCHAR(20) UNIQUE NOT NULL,
    full_name VARCHAR(100) NOT NULL,
    password_hash VARCHAR(255) NOT NULL
);
-- Dummy data
INSERT INTO students (student_id, full_name, password_hash) VALUES
('np0023', 'Ram Prasad', '$2y$10$Something'),
('np5678', 'Sita Kumari', '$2y$10$pass');
```

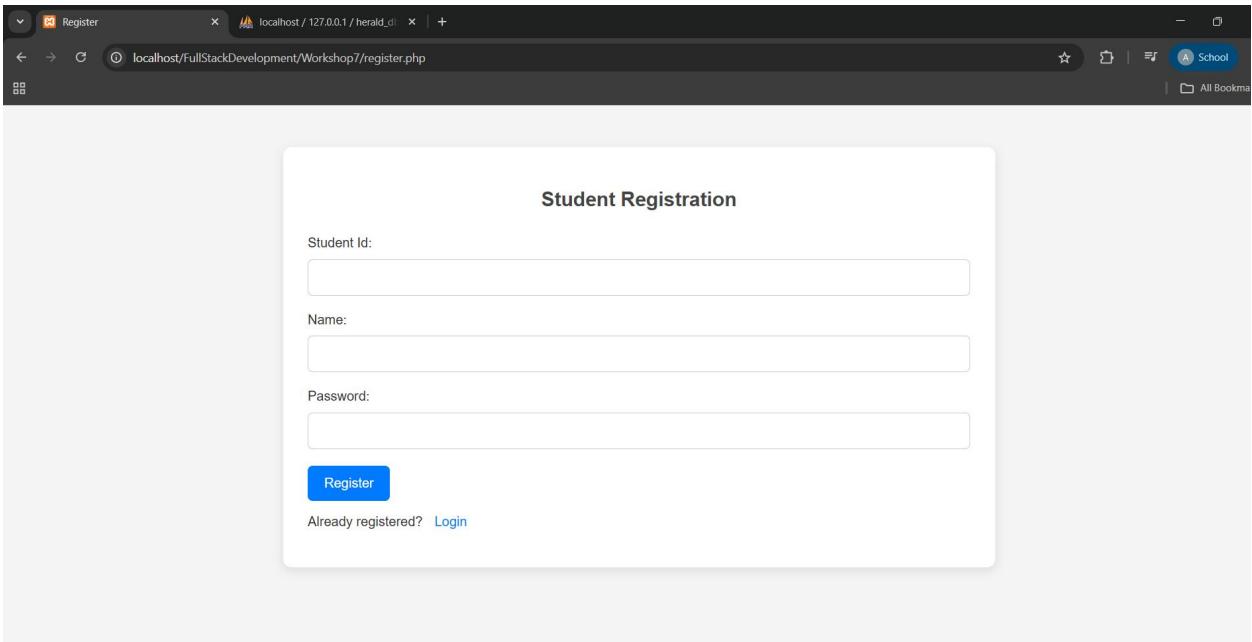
Below the editor is a screenshot of the PHPMyAdmin interface. The browser address bar shows 'localhost/127.0.0.1/herald_db'. The database selected is 'herald_db' and the table is 'students'. The results of a query are displayed:

```
Showing rows 0 - 8 (9 total, Query took 0.0002 seconds.)
```

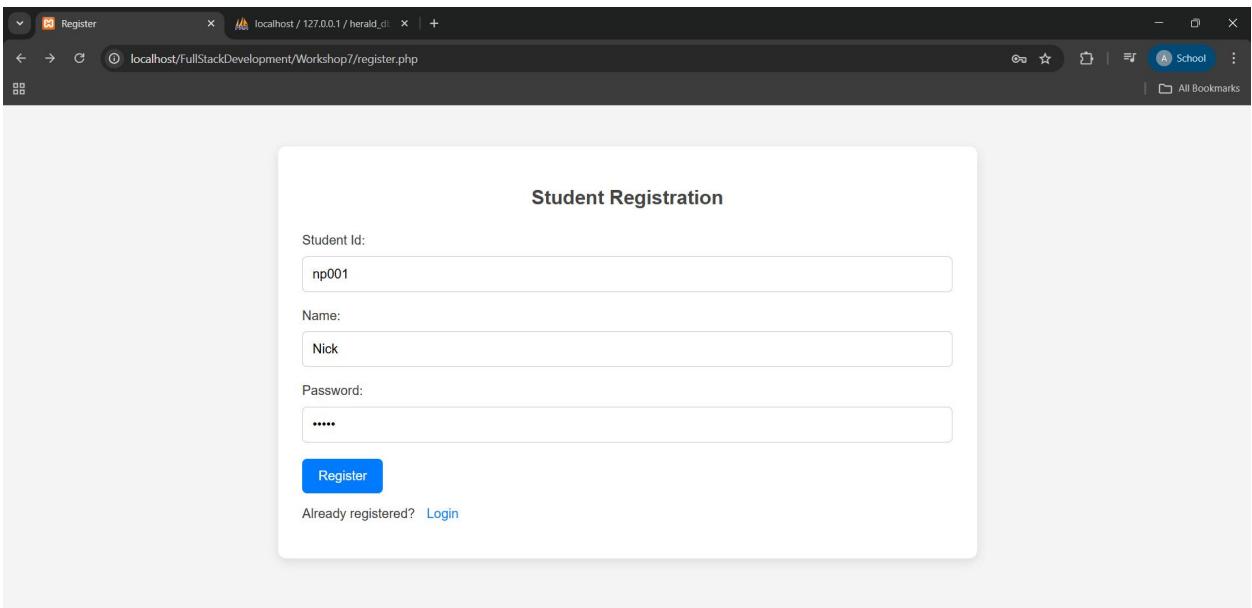
```
SELECT * FROM `students`
```

	id	student_id	full_name	password_hash
<input type="checkbox"/>	1	np0023	Ram Prasad	\$2y\$10\$Something
<input type="checkbox"/>	2	np5678	Sita Kumari	\$2y\$10\$pass

2. Home Page(register.php)



A screenshot of a web browser window titled "Register". The address bar shows "localhost/FullStackDevelopment/Workshop7/register.php". The main content is a "Student Registration" form with three input fields: "Student Id", "Name", and "Password", each with a corresponding text input box. Below the inputs is a blue "Register" button. At the bottom left of the form, there is a link "Already registered? [Login](#)".



A screenshot of a web browser window titled "Register". The address bar shows "localhost/FullStackDevelopment/Workshop7/register.php". The main content is a "Student Registration" form with three input fields: "Student Id" containing "np001", "Name" containing "Nick", and "Password" containing "*****". Each field has a corresponding text input box. Below the inputs is a blue "Register" button. At the bottom left of the form, there is a link "Already registered? [Login](#)".

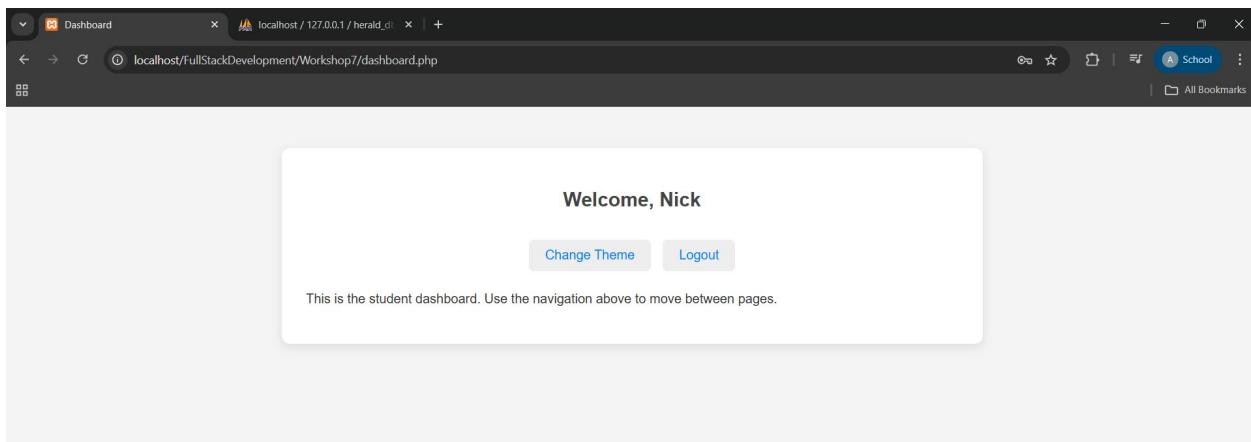
3. Successful Registration(login.php)

A screenshot of a web browser window titled "Login". The address bar shows "localhost/FullStackDevelopment/Workshop7/login.php". The main content is a "Student Login" form. It has two input fields: "Student Id:" containing "np001" and "Password:" containing ".....". Below the fields is a blue "Login" button. At the bottom, it says "Don't have an account? [Register](#)".

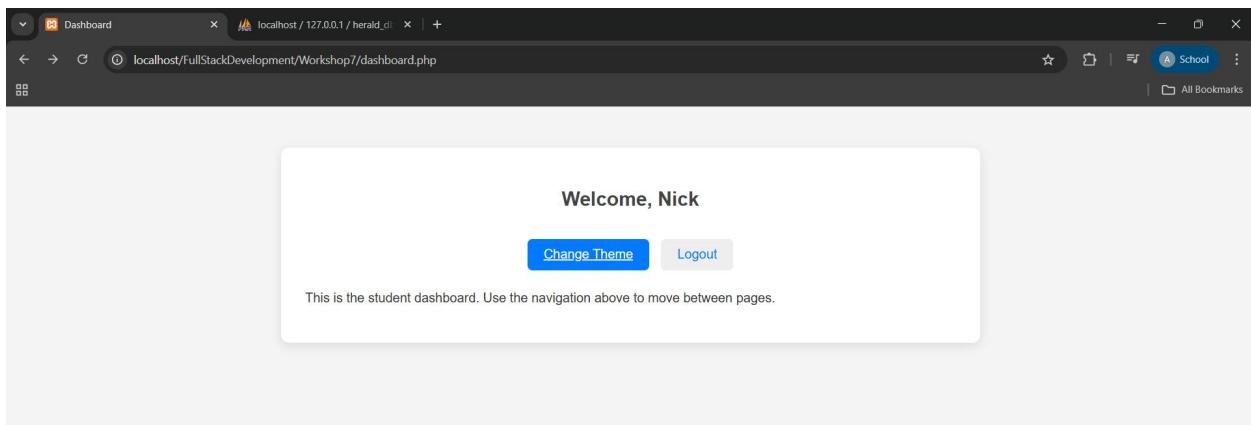
4. Testing Login Logic (login.php)

A screenshot of a web browser window titled "Login". The address bar shows "localhost/127.0.0.1/herald_d...". The main content is a "Student Login" form. It has two input fields: "Student Id:" containing "np001" and "Password:" containing ".....". Below the fields is a blue "Login" button. At the bottom, it says "Don't have an account? [Register](#)".

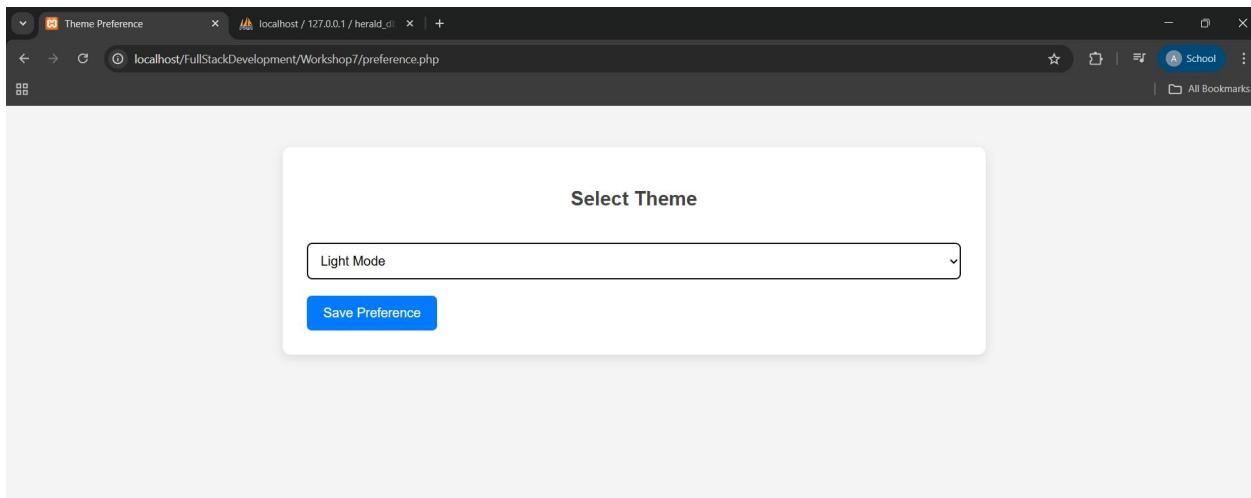
5. Successful Login(dashboard.php)



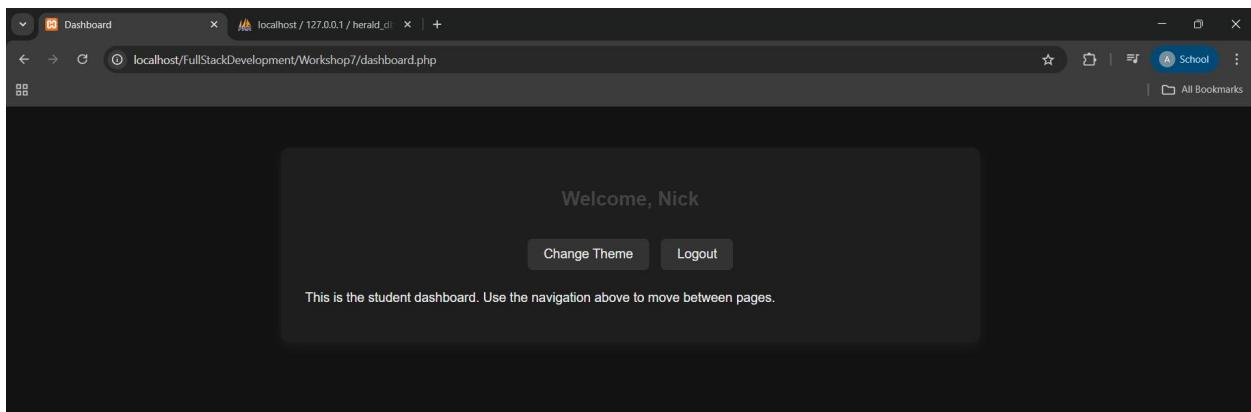
6. Changing Preference(dashboard.php)



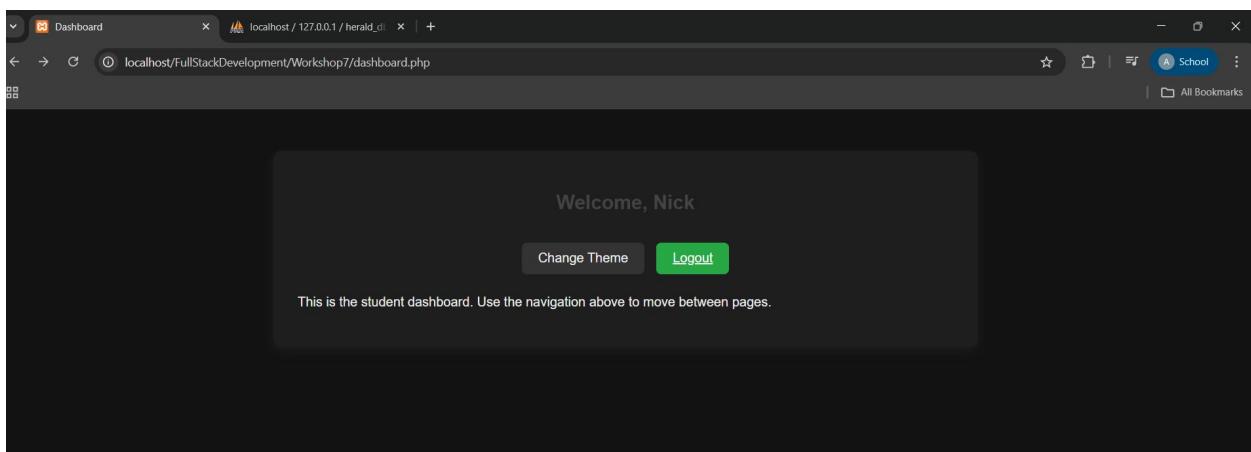
7. Selecting Theme(preference.php)



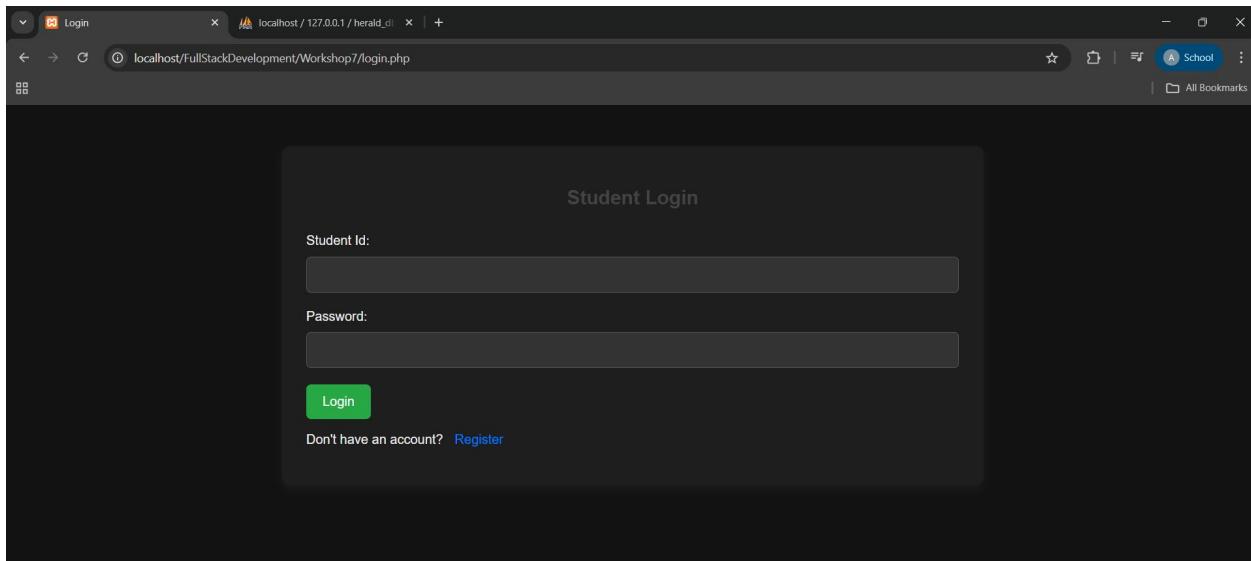
8. Successful Changing Preference(dashboard.php)



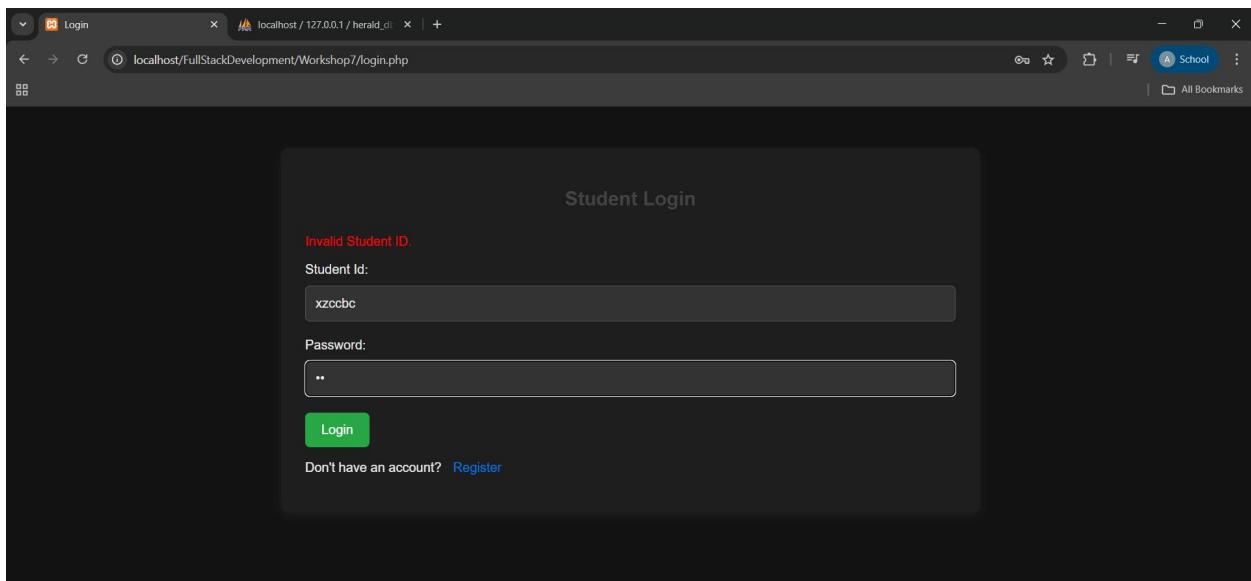
9. Logging Out (dashboard.php)



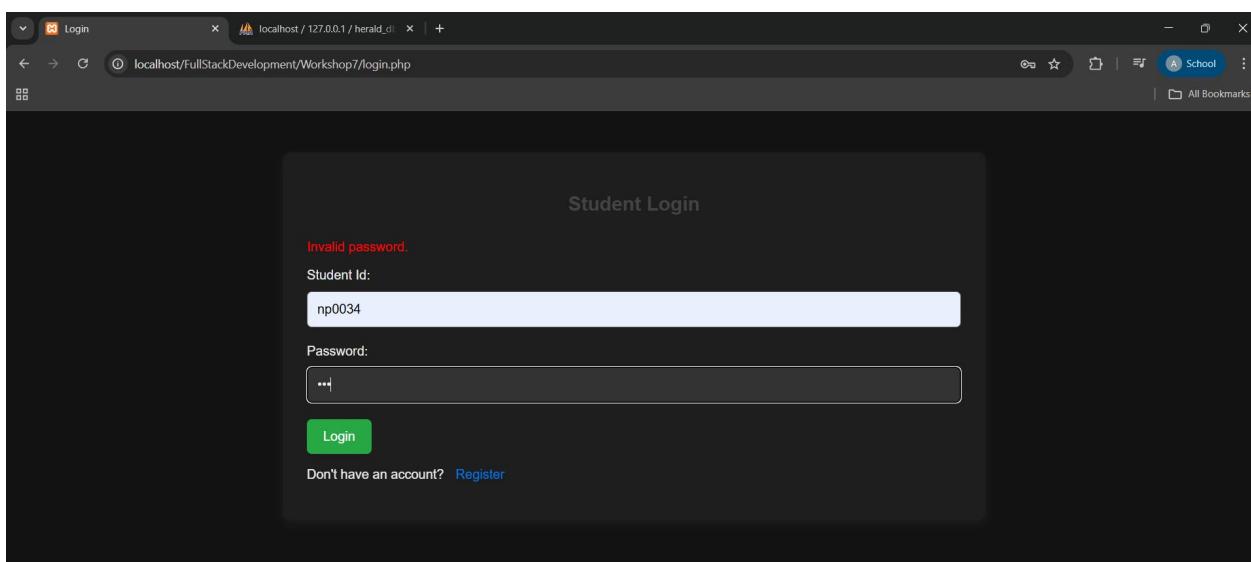
10. Successful Logout (login.php)



11. For Invalid StudentId (login.php)



12. For Invalid Password(login.php)



13. For Unregistered Account(login.php through Register Button)

A screenshot of a web browser window showing a "Student Login" form. The title bar says "localhost / 127.0.0.1 / herald_cli". The form has a dark background with light-colored input fields. It includes fields for "Student Id" and "Password", a green "Login" button, and a link "Don't have an account? [Register](#)".

14. Redirect to Register Page(register.php)

A screenshot of a web browser window showing a "Student Registration" form. The title bar says "localhost / 127.0.0.1 / herald_cli". The form has a dark background with light-colored input fields. It includes fields for "Student Id", "Name", and "Password", a green "Register" button, and a link "Already registered? [Login](#)".

15. For Logging Into An Registered Account(register.php through Login Button)

A screenshot of a web browser window showing a "Student Registration" form. The form is contained within a dark gray modal box. It includes fields for "Student Id", "Name", and "Password", each with a corresponding input field. Below the fields is a green "Register" button. At the bottom of the modal, there is a link "Already registered? [Login](#)". The browser's address bar shows the URL `localhost/FullStackDevelopment/Workshop7/register.php`.

16. Redirecting to Login Page(login.php)

A screenshot of a web browser window showing a "Student Login" form. The form is contained within a dark gray modal box. It includes fields for "Student Id" and "Password", each with a corresponding input field. Below the fields is a green "Login" button. At the bottom of the modal, there is a link "Don't have an account? [Register](#)". The browser's address bar shows the URL `localhost/FullStackDevelopment/Workshop7/login.php`.

17. Database(herald_db)

The screenshot shows the phpMyAdmin interface for the 'herald_db' database. The left sidebar lists databases: daraz, herald_db, information_schema, java, mysql, performance_schema, phpmysqladmin, school_db, tech_store, test, and week4. The 'students' table under 'herald_db' is selected. The main area displays the table structure and data.

Table: students

	Edit	Copy	Delete	id	student_id	full_name	password_hash
<input type="checkbox"/>	Edit	Copy	Delete	1	np0023	Ram Prasad	\$2y\$10\$Something
<input type="checkbox"/>	Edit	Copy	Delete	2	np5678	Sita Kumari	\$2y\$10\$pass
<input type="checkbox"/>	Edit	Copy	Delete	3	np0034	Aditri	\$2y\$10\$6ARKDohniMXe0lbzwwwXe0v1yyFFB6ZtvHWHT5jgr...
<input type="checkbox"/>	Edit	Copy	Delete	5	np003444	apple	\$2y\$10\$z2m9f1JM9sfr0NTHDx09OMsmEiGZM3wUaJQj7PaX8J...
<input type="checkbox"/>	Edit	Copy	Delete	7	np0453432	apple	\$2y\$10\$wAQILFrF5c0.zJvuUnAe070MiGmRYx466bcPInNxKu...
<input type="checkbox"/>	Edit	Copy	Delete	8	np0999	Ram	\$2y\$10\$9FmtrKErX5hxNqfOzBEVbX.Yb3w3aCP2WltoSTTJr9ON...
<input type="checkbox"/>	Edit	Copy	Delete	9	Student01	James	\$2y\$10\$uDfqXCEOqrJy3fJvu9zu615aruElld2VFkBNBV5g...
<input type="checkbox"/>	Edit	Copy	Delete	10	hh1	John	\$2y\$10\$7URNZFgypca6ifM96KyQdXg30Tb0nYw60V1GWozD2...
<input type="checkbox"/>	Edit	Copy	Delete	11	12	John	\$2y\$10\$ViO_jgN2oK0hr3MH04GeO.ngwNXrvFkExAwmfIHMT...
<input type="checkbox"/>	Edit	Copy	Delete	12	np001	Nick	\$2y\$10\$xxwMzRWrBdkhlh1tIQHAYeb0Nnrdrbf6fcota7BIDATe...
<input type="checkbox"/>	Edit	Copy	Delete	14	np002	Harry	\$2y\$10\$uwdfPtotjQTRW2pPVDOteP4uwPOLLbxKF17x85HJu...

Github Repository Link:

<https://github.com/AditriPrajapati1/Workshop7>