CodeZone - Online Code Practice Platform

CodeZone is a dynamic web-based coding practice platform that allows users to:

- 🔐 Register and login with session management

- 💬 View programming questions

- 🧠 Select a language and write code

- ⚙️ Run the code against test cases

- ✅ View verdicts like pass/fail

- 👩‍🏫 Navigate using CodeBot (an AI-based guide for users)

 Tech Stack

-Frontend: HTML, CSS, JavaScript
- Backend: PHP
- Database: MySQL
- Platform: InfinityFree (Free hosting)
- Version Control: Git + GitHub

Folder Structure

codezone/
|—login.php
|—register.php
|— logout.php
|—codezone.php
|— db_connect_sample.php ← Replace with actual creds when deploying
|— style.css
|—codezone.js
|—images/
|—README.md

How to Run Locally

   1. Clone the repo:

       git clone https://github.com/Vinay2006-afk/codezone.git

2. Set up a local web server (XAMPP/WAMP/MAMP)

3. Create a MySQL database and import the SQL dump (if available)

4. Edit db_connect_sample.php with your DB credentials and rename it to db_connect.php

5. Access localhost/codezone/login.php in your browser

Live Demo

Visit Live on InfinityFree vinay.infintyfreeap.com/loginpage

Future Features (WIP)

- Code auto-completion

- Timer-based practice sets

- User dashboard with score history

- More language support

- Admin panel for uploading questions

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🛡️ Disclaimer

This is a student project. For real-world deployment, please secure inputs, sanitize DB queries, and restrict access properly