Aryabhatta International College of Technical Education

Ajmer, Rajasthan



**A PROJECT ON**

**CODEHUB**

Submitted in partial fulfilment for the

Award of the Degree of

**BACHELOR OF COMPUTER APPLICATION**

**2021-24**

Submitted to Department of Computer Application:

**Submitted to**: **Submitted by**:

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**Asst. Professor**  Enroll. No. 2021/51600

**CERTIFICATE**

This is to certify that **Mr. Jayant Parihar** of **Aryabhatta International College of Technical** Education, Ajmer, has successfully completed the project work titled **CodeHub** in partial fulfilment of requirement for the completion of Under Graduate course as prescribed by the **Maharshi Dayanand Saraswati** **University, Ajmer**. This project report is the record of authentic work carried out by her during the period from October, 2023 to January, 2024.

**Principal Guide**

(Dr. Leena Khemchandani) (Mr. Rajkumar Meghwanshi)

**Asst. Professor**

# ABSTRACT

"CodeHub" is a cutting-edge e-learning platform dedicated to providing a comprehensive online education experience focused on programming and computer science. With an extensive repository of notes, interactive tutorials, Live Code Editor and structured courses.

CodeHub caters to learners of all levels, from beginners to seasoned professionals. Featuring support for multiple programming languages and a live code editor, CodeHub empowers users to engage with hands-on coding exercises, deepen their understanding of key concepts, and master practical skills essential for success in the tech industry.

CodeHub is open and free to use to everyone, those who wants to make a good Carrier in IT Sector, with a User-friendly Interface. Its main focus is to provide an easy and simple understanding of code and various programming language, like:- C, C++, PHP, PYTHON, HTML, CSS, JS and MySQL.

# ACKNOWLEDGEMENT

We are thankful to Mr. Rajkumar Meghwanshi for his valuable time he has devoted to us and given us a lot of knowledge and help for the project. We are also thankful to our Principal and Head of Department and other teachers for their expert guidance. It was a great experience for us. Words defeat us in expressing our deep sense of gratitude for our friends, whose continued resourceful support and guidance enabled us to overcome all the challenges we faced whilst developing the project

**Table of Contents**

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Topic** | **Page No.** |
| 1. | CERTIFICATE | 2 |
| 2. | ABSTRACT | 3 |
| 3. | ACKNOWLEDGEMENT | 4 |
| 4. | Table of Contents | 5 |
| 5. | 1. Introduction 2. Objective 3. Key Features 4. Tools and Technique    * + Hardware Technique      + Software Technique 5. ER Diagram 6. Source code and Images 7. Home page 8. About Us. / Contact Us. Page 9. Courses 10. Tutorials 11. Notes 12. Live Code Editor 13. User Dashboard / Admin Panel 14. Programming Pages (Html,css,js….,etc.) 15. Login / Sign Up page. 16. All Files Overview / Database / Readme. | 6  7  8  9-11  12  13-76 |
| 6. | Conclusion | 77 |
| 7. | Reference | 78 |
| 8. | Website Code OR. | 79 |

1. **INTRODUCTION**

CodeHub is an innovative website that provides a comprehensive platform for coders to learn various programming languages, including HTML, CSS, JS, Java, Python, C, C++, PHP, and MySQL. One of the standout features of CodeHub is its live code editor, Best Tutorials and Top programming Courses, which offer a hands-on and interactive learning experience. It provides an user-friendly interface for the better understanding of coding lectures and courses.

1. **OBJECTIVE**

The primary objective of CodeHub is to democratize access to high-quality programming education and resources, enabling individuals worldwide to develop essential coding skills, advance their careers, and build a good carrier in IT Sector.

By offering a comprehensive platform with notes, tutorials, courses, programming language support, and a live code editor, CodeHub aims to empower learners of all backgrounds to unlock their full potential and become proficient developers capable of making meaningful contributions to the ever-evolving field of technology.

1. **Key Features**
2. **Enhanced Learning Experience:** The live code editor on CodeHub allowed coders to write, execute, and modify code in real-time. This interactive approach helped them grasp programming concepts more effectively and gain hands-on experience.
3. **Best Tutorial:** The extensive library of programming Tutorials provided on CodeHub allowed coders to explore real-world scenarios and understand how to apply coding concepts in practical situations. This practical approach enhanced their problem-solving skills and prepared them for real coding challenges.
4. **Immediate Feedback:** The live code editor provided instant feedback, highlighting errors and suggesting improvements. This prompt feedback mechanism helped coders identify and correct mistakes quickly, accelerating their learning process.
5. **Responsive Design with HTML and CSS:** CodeHub's website is built using HTML and CSS, ensuring a responsive and user-friendly design. This allows coders to access CodeHub's features seamlessly across different devices.
6. **Interactive Elements with JavaScript:** JavaScript is utilized to add interactivity and dynamic functionality to CodeHub. It enhances the user experience by enabling features like real-time code execution and instant feedback.
7. **Live Code Editor:** The platform offers a live code editor where users can practice coding.
8. **Styling with Bootstrap and Tailwind CSS:** CodeHub leverages the power of Bootstrap and Tailwind CSS frameworks to create visually appealing and consistent designs. These frameworks provide a wide range of pre-built components and styles that enhance the overall aesthetics of the website.
9. **Server-side Processing with PHP**: PHP is used on the server-side of CodeHub to handle data processing, form submissions, and other server-related tasks. It ensures smooth functionality and seamless communication between the website and the server.

By incorporating these technologies, CodeHub offers a robust and efficient learning platform for coders, combining the power of interactive coding, practical examples, and a user-friendly interface

1. **TOOLS AND TECHNIQUE**
2. Hardware Technique
3. Software Technique
4. Hardware Technique
   * + Device name :- DESKTOP- Hp Pavilion Gaming 15.
     + Processor :- AMD Ryzen 5 3550H with RTX 1650 4GB Graphics.

3.10 GHz

* + - Installed RAM :- 8.00 GB
    - System type :- 64-bit operating system, x64-based processor
    - Edition :- Windows 10 Home Single Language
    - Version :- 22H2
  1. Software Technique
* HTML
* CSS
* JAVA SCRIPT
* PHP
* Bootstrap and Tailwind CSS
* VS CODE
* XAMPP
* Web Browser

**\*\*HTML (HyperText Markup Language):\*\***

- Use HTML to structure the content of your website, such as creating headings, paragraphs, lists, and links.

- Build the layout of your web pages by organizing content into sections and div.

- Embed images, videos, and other multimedia elements using HTML tags.

- Create forms to collect user input, such as login/signup forms, search bars, and contact forms.

**\*\*CSS (Cascading Style Sheets):\*\***

- Apply CSS styles to enhance the visual appearance of your website, including fonts, colors, layout, and responsiveness.

- Implement responsive design techniques to ensure your website looks and functions well on various devices and screen sizes.

- Style buttons, navigation menus, and other UI elements to create an engaging user experience.

**\*\*JavaScript:\*\***

- Use JavaScript to add interactivity and dynamic behavior to your website.

- Implement features like interactive coding editors, quizzes, and real-time content updates.

- Create pop-ups, modals, and tooltips to provide additional information to users.

- Enable client-side validation for forms and user inputs.

**\*\*PHP (Hypertext Preprocessor):\*\***

- Develop the backend of your website using PHP to handle server-side operations.

- Store user data and course progress in a database.

- Implement user authentication and authorization for login/signup.

- Create dynamic content by fetching data from the database and generating HTML output.

**\*\*Bootstrap And Tailwind CSS : \*\***

- Bootstrap to used to create structure of the panels , forms , tables.

-Tailwind CSS is used to design the website

-Tailwind is used to provide a user friendly Environment with its Enhanced Design.

**\*\*VS CODE\*\*:-**

* VS Code 2022 is used to edit the code .
* It comes with various plugins and extensions, which helps reduce complexity of the code.
* It helps to manage large amount of code of the website.

**\*\*XAMPP\*\*:-**

* Xampp Version V3.3.0 is used to host the website.
* It provides an artificial hosting to the website.
* It provides the backend connectivity of the website.
* Used to manage the database and its table from the localhost server.

**\*\*Web Browser\*\*:-**

* Chrome , Firefox , Microsoft Edge., Any type of web browser can be used to use the codehub website.

1. **ER Diagram**

**CODEHUB**

**USERS**

**EMAIL**

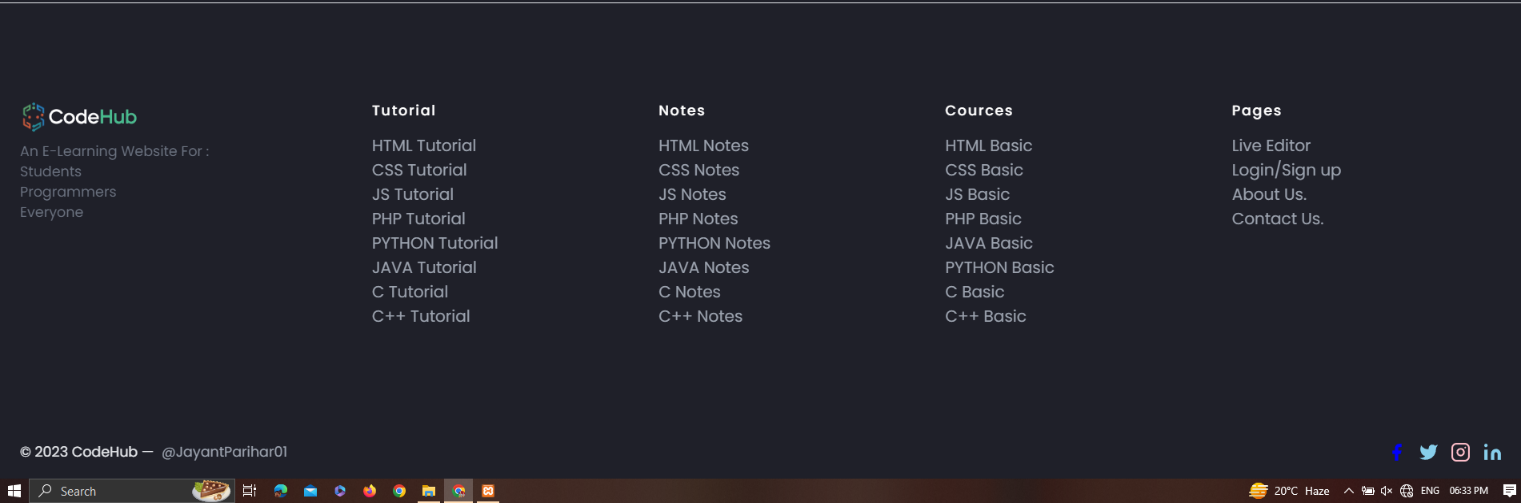
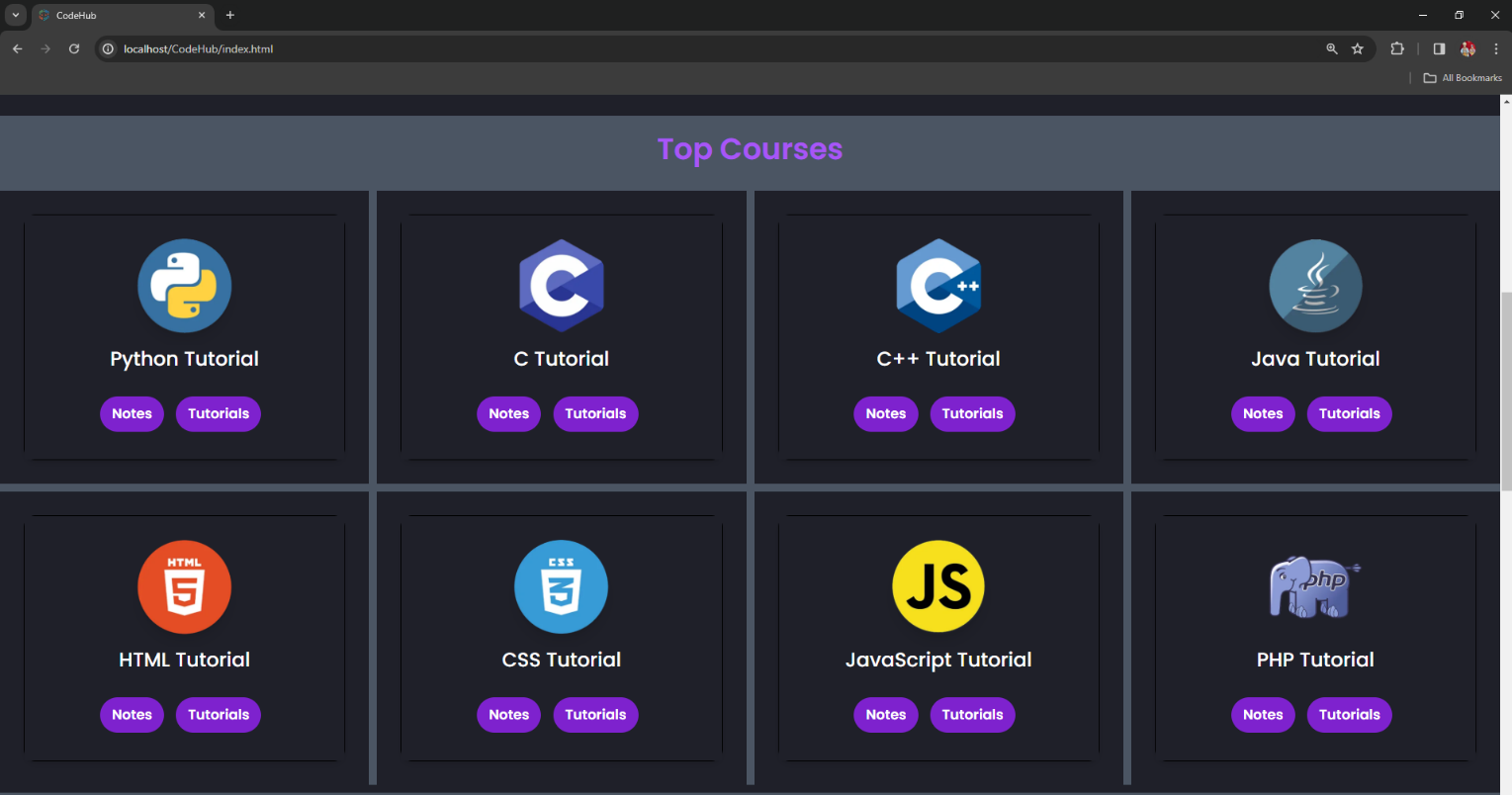
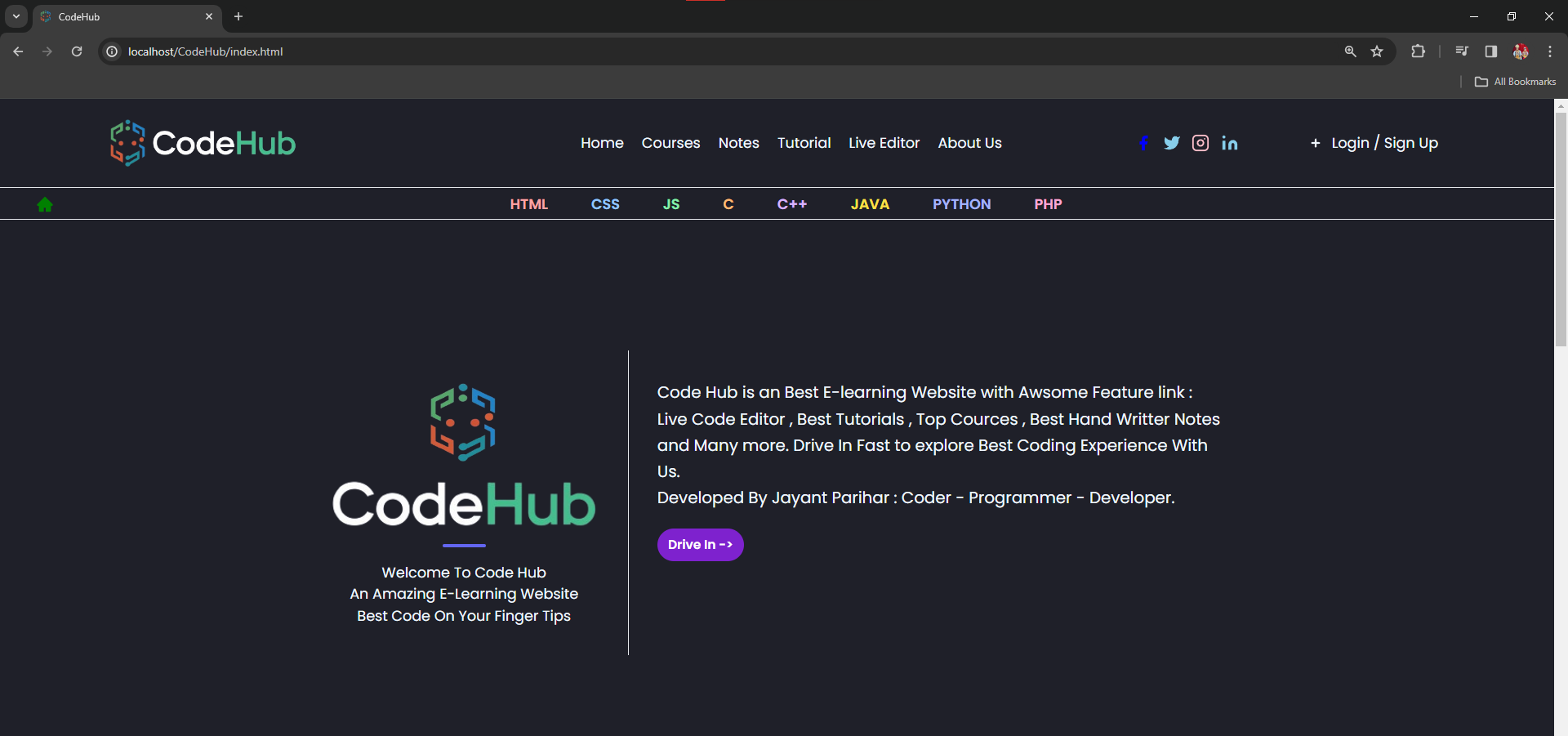
**PASS**

**:- Database**

**:- Table**

**:- Fields**

1. **Source Code and Images**
2. Home Page:-



Source Code:-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>CodeHub</title>

    <link rel="shortcut icon" href="images/CodeHub\_icon.png" type="image/png">

    <link rel="stylesheet" href="css/index\_style.css">

    <script src="https://cdn.tailwindcss.com"></script>

    <style type="text/css">

        @import url('https://fonts.googleapis.com/css?family=Poppins:400,500,600,700,800,900');

        \* {

            margin: 0%;

            padding: 0%;

            background-color: #1f2029;

            color: aliceblue;

            font-family: 'Poppins', sans-serif;

            text-decoration: solid;

        }

        footer {

            padding-top: 0%;

            margin: 0%;

        }

        .logoimg {

            width: 35%;

        }

        .iconimg {

            width: 11%

        }

        #login {

            color: rgb(45, 82, 216);

        }

    </style>

</head>

<body>

    <script src="https://cdn.tailwindcss.com"></script>

    <header class="text-400 bg-gray-100% body-font">

        <div class="container mx-auto flex flex-wrap p-5 flex-col md:flex-row items-center">

            <a class="flex title-font font-medium items-center text-white mb-4 md:mb-0" href="index.html">

                <img src="images/CodeHub\_icon.png" class="iconimg" alt="" srcset="">

                <img src="images/CodeHub\_logo.png" class="logoimg" alt="" srcset="">

            </a>

            <nav class="md:ml-auto md:mr-auto flex flex-wrap items-center text-base justify-center">

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-red-300" href="index.html">Home</a>

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-blue-300"

                    href="courses.html">Courses</a>

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-green-300"

                    href="notes.html">Notes</a>

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-pink-300"

                    href="tutorial.html">Tutorial</a>

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-orange-300"

                    href="liveeditor.html">Live

                    Editor</a>

                <a class="mr-5 hover:text-white-blod hover:border-b-4 hover:border-blue-300" href="about.html">About

                    Us</a>

            </nav>

            <nav class="md:ml-auto md:mr-auto flex flex-wrap items-center text-base justify-center">

                <span class="inline-flex sm:ml-auto sm:mt-0 mt-2 justify-center sm:justify-start">

                    <a class="text-gray-400" href="https://www.facebook.com" target="\_blank">

                        <svg fill="blue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2" class="w-5 h-5"

                            viewBox="0 0 24 24">

                            <path d="M18 2h-3a5 5 0 00-5 5v3H7v4h3v8h4v-8h3l1-4h-4V7a1 1 0 011-1h3z"></path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.twitter.com" target="\_blank">

                        <svg fill="skyblue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                            class="w-5 h-5" viewBox="0 0 24 24">

                            <path

                                d="M23 3a10.9 10.9 0 01-3.14 1.53 4.48 4.48 0 00-7.86 3v1A10.66 10.66 0 013 4s-4 9 5 13a11.64 11.64 0 01-7 2c9 5 20 0 20-11.5a4.5 4.5 0 00-.08-.83A7.72 7.72 0 0023 3z">

                            </path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.instagram.com" target="\_blank">

                        <svg fill="none" stroke="pink" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                            class="w-5 h-5" viewBox="0 0 24 24">

                            <rect width="20" height="20" x="2" y="2" rx="5" ry="5"></rect>

                            <path d="M16 11.37A4 4 0 1112.63 8 4 4 0 0116 11.37zm1.5-4.87h.01"></path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.linkedin.com" target="\_blank">

                        <svg fill="skyblue" stroke="currentColor" stroke-linecap="round" stroke-linejoin="round"

                            stroke-width="0" class="w-5 h-5" viewBox="0 0 24 24">

                            <path stroke="none"

                                d="M16 8a6 6 0 016 6v7h-4v-7a2 2 0 00-2-2 2 2 0 00-2 2v7h-4v-7a6 6 0 016-6zM2 9h4v12H2z">

                            </path>

                            <circle cx="4" cy="4" r="2" stroke="none"></circle>

                        </svg>

                    </a>

                </span>

            </nav>

            <a href="login.html"

                class="inline-flex items-center bg-aliceblue border-0 py-1 px-3 focus:outline-none hover:bg-green-700 rounded text-base mt-4 md:mt-0">

                <svg width="20" height="20" fill="currentColor" class="mr-2" aria-hidden="true">

                    <path

                        d="M10 5a1 1 0 0 1 1 1v3h3a1 1 0 1 1 0 2h-3v3a1 1 0 1 1-2 0v-3H6a1 1 0 1 1 0-2h3V6a1 1 0 0 1 1-1Z" />

                </svg>Login / Sign Up

            </a>

        </div>

        <hr style="padding: 1px;">

    </header>

    <div class="max-h-[16vh] min-h-[15px] flex items-center ml-3 mr-3 md:ml-10 md:mr-10 my-1">

        <a href="index.html"><svg stroke="currentColor" fill="green" stroke-width="0" viewbox="0 0 1024 1024"

                class="max-h-[16vh] min-h-[15px] text-purple-700 text-xl cursor-pointer dark:text-purple-400"

                height="1em" width="1em" xmlns="http://www.w3.org/2000/svg">

                <path

                    d="M946.5 505L534.6 93.4a31.93 31.93 0 0 0-45.2 0L77.5 505c-12 12-18.8 28.3-18.8 45.3 0 35.3 28.7 64 64 64h43.4V908c0 17.7 14.3 32 32 32H448V716h112v224h265.9c17.7 0 32-14.3 32-32V614.3h43.4c17 0 33.3-6.7 45.3-18.8 24.9-25 24.9-65.5-.1-90.5z">

                </path>

            </svg>

        </a>

        <ul class="space-x-12 m-auto text-purple-700 font-semibold hidden md:flex items-center">

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-red-300">

                <a href="html.html">HTML</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-blue-300">

                <a href="css.html">CSS</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-green-300">

                <a href="js.html">JS</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-orange-300">

                <a href="c.html">C</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-purple-300">

                <a href="cpp.html">C++</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-yellow-300">

                <a href="java.html">JAVA</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-indigo-300">

                <a href="python.html">PYTHON</a>

            </li>

            <li class="cursor-pointer hover:border-b-2 hover:border-blue-100 active:border-b-4 dark:text-pink-300">

                <a href="php.html">PHP</a>

            </li>

        </ul>

    </div>

    <hr style="padding: 5px;">

    <section class="text-gray-600 body-font">

        <div class="container px-5 py-24 mx-auto flex flex-col">

            <div class="lg:w-4/6 mx-auto">

                <div class="flex flex-col sm:flex-row mt-10">

                    <div class=" sm:w-1/3 text-center sm:pr-8 sm:py-8">

                        <div class="w-24 h-24 inline-flex items-center justify-center bg-gray-200 text-gray-400">

                            <img src="images/CodeHub\_icon.png" alt="" class="w-24 h-24">

                        </div>

                        <div class="flex flex-col items-center text-center justify-center">

                            <img src="images/CodeHub\_logo.png" alt="" srcset="">

                            <div class="w-12 h-1 bg-indigo-500 rounded mt-2 mb-4"></div>

                            <p class="text-base">Welcome To Code Hub <br> An Amazing E-Learning Website <br> Best Code

                                On Your Finger Tips </p>

                        </div>

                    </div>

                    <div

                        class="sm:w-2/3 sm:pl-8 sm:py-8 sm:border-l border-gray-200 sm:border-t-0 border-t mt-4 pt-4 sm:mt-0 text-center sm:text-left">

                        <p class="leading-relaxed text-lg mb-4">Code Hub is an Best E-learning Website with Awsome

                            Feature link : Live Code Editor , Best

                            Tutorials , Top Cources , Best Hand Writter Notes and Many more. Drive In Fast to explore

                            Best Coding Experience With Us.

                            <br>

                            Developed By Jayant Parihar : Coder - Programmer - Developer.

                        </p>

                        <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center"

                            href="#local"><button class="font-semibold">

                                <h3 class="text-white bg-purple-700 hover:bg-purple-900">Drive In -></h3>

                            </button>

                        </a>

                    </div>

                </div>

            </div>

        </div>

    </section>

    <div id="local" class="min-h-full dark:bg-gray-600 mb-2">

        <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-500 bg-gray-600 mb-2">

            Top Courses

        </h1>

        <div class="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 bg-gray-600">

            <div class="p-6 flex justify-center ">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6"><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-python.webp" alt="PythonNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">Python Tutorial</h5>

                        <div class="mt-4"><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center"

                                href="notes/Python\_Complete\_Notes.pdf" target="\_blank"><button

                                    class="font-semibold">Notes</button></a>

                            <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="https://youtu.be/ihk\_Xglr164?si=BfjfUYLBcjA2OF0O" target="\_blank"><button

                                    class="font-semibold">Tutorials</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full "

                            src="images/notes-c.webp" alt="CNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">C Tutorial</h5>

                        <div class="mt-4  "><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

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                            src="https://www.youtube.com/embed/1SnPKhCdlsU?si=A9G3ub6iyJqgq6oC"

                            title="YouTube video player" frameborder="0"

                            allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                            allowfullscreen=""></iframe>

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PHP

                        </h5>

                        <div class="grid  mt-4  ">

                            <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="https://youtu.be/1SnPKhCdlsU?si=l0UpkCAFOKx9Bdzr" target="\_blank"><button

                                    class="font-semibold">Start

                                    Learning!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 ">

                        <iframe class="w-full h-full max-w-sm max-h-sm" width="350" height="315"

                            src="https://www.youtube.com/embed/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy"

                            title="YouTube video player" frameborder="0"

                            allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                            allowfullscreen=""></iframe>

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JAVA

                        </h5>

                        <div class="grid  mt-4  ">

                            <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="https://youtu.be/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy" target="\_blank"><button

                                    class="font-semibold">Start

                                    Learning!</button></a>

                        </div>

                    </div>

                </div>

            </div>

        </div>

    </div>

    <hr>

    <footer class="text-gray-400 bg-gray-100% body-font">

        <div

            class="container px-5 py-24 mx-auto flex md:items-center lg:items-start md:flex-row md:flex-nowrap flex-wrap flex-col">

            <div class="w-64 flex-shrink-0 md:mx-0 mx-auto text-center md:text-left">

                <a class="flex title-font font-medium items-center md:justify-start justify-center text-white">

                    <img src="images/CodeHub\_icon.png" class="iconimg" alt="" srcset="">

                    <img src="images/CodeHub\_logo.png" class="logoimg" alt="" srcset="">

                </a>

                <p class="mt-2 text-sm text-gray-500">An E-Learning Website For : <br> Students <br> Programmers <br>

                    Everyone </p>

            </div>

            <div class="flex-grow flex flex-wrap md:pl-20 -mb-10 md:mt-0 mt-10 md:text-left text-center">

                <div class="lg:w-1/4 md:w-1/2 w-full px-4">

                    <h2 class="title-font font-medium text-white tracking-widest text-sm mb-3">Tutorial</h2>

                    <nav class="list-none mb-10">

                        <li>

                            <a class="text-gray-400 hover:text-white" href="html.html">HTML Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="css.html">CSS Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="js.html">JS Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="php.html">PHP Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="python.html">PYTHON Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="java.html">JAVA Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="c.html">C Tutorial</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="cpp.html">C++ Tutorial</a>

                        </li>

                    </nav>

                </div>

                <div class="lg:w-1/4 md:w-1/2 w-full px-4">

                    <h2 class="title-font font-medium text-white tracking-widest text-sm mb-3">Notes</h2>

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                        <li>

                            <a class="text-gray-400 hover:text-white" href="html.html">HTML Notes</a>

                        </li>

                        <li>

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                        <li>

                            <a class="text-gray-400 hover:text-white" href="js.html">JS Notes</a>

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                        <li>

                            <a class="text-gray-400 hover:text-white" href="php.html">PHP Notes</a>

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                        <li>

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                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="java.html">JAVA Notes</a>

                        </li>

                        <li>

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                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="cpp.html">C++ Notes</a>

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                </div>

                <div class="lg:w-1/4 md:w-1/2 w-full px-4">

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                        <li>

                            <a class="text-gray-400 hover:text-white" href="html.html">HTML Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="css.html">CSS Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="js.html">JS Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="php.html">PHP Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="java.html">JAVA Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="python.html">PYTHON Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="c.html">C Basic</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="cpp.html">C++ Basic</a>

                        </li>

                    </nav>

                </div>

                <div class="lg:w-1/4 md:w-1/2 w-full px-4">

                    <h2 class="title-font font-medium text-white tracking-widest text-sm mb-3">Pages</h2>

                    <nav class="list-none mb-10">

                        <li>

                            <a class="text-gray-400 hover:text-white" href="liveeditor.html">Live Editor</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="login.html">Login/Sign up</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="about.html">About Us.</a>

                        </li>

                        <li>

                            <a class="text-gray-400 hover:text-white" href="mailto:jayantparihar01@gmail.com">Contact

                                Us.</a>

                        </li>

                    </nav>

                </div>

            </div>

        </div>

        <div class="bg-gray-100% bg-opacity-75">

            <div class="container mx-auto py-4 px-5 flex flex-wrap flex-col sm:flex-row">

                <p class="text-gray-200 text-sm text-center sm:text-left">© 2023 CodeHub —

                    <a href="mailto:jayantparihar01@gmail.com" rel="noopener noreferrer" class="text-gray-400 ml-1"

                        target="\_blank">@JayantParihar01</a>

                </p>

                <span class="inline-flex sm:ml-auto sm:mt-0 mt-2 justify-center sm:justify-start">

                    <a class="text-gray-400" href="https://www.facebook.com" target="\_blank">

                        <svg fill="blue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2" class="w-5 h-5"

                            viewBox="0 0 24 24">

                            <path d="M18 2h-3a5 5 0 00-5 5v3H7v4h3v8h4v-8h3l1-4h-4V7a1 1 0 011-1h3z"></path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.twitter.com" target="\_blank">

                        <svg fill="skyblue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                            class="w-5 h-5" viewBox="0 0 24 24">

                            <path

                                d="M23 3a10.9 10.9 0 01-3.14 1.53 4.48 4.48 0 00-7.86 3v1A10.66 10.66 0 013 4s-4 9 5 13a11.64 11.64 0 01-7 2c9 5 20 0 20-11.5a4.5 4.5 0 00-.08-.83A7.72 7.72 0 0023 3z">

                            </path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.instagram.com" target="\_blank">

                        <svg fill="none" stroke="pink" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                            class="w-5 h-5" viewBox="0 0 24 24">

                            <rect width="20" height="20" x="2" y="2" rx="5" ry="5"></rect>

                            <path d="M16 11.37A4 4 0 1112.63 8 4 4 0 0116 11.37zm1.5-4.87h.01"></path>

                        </svg>

                    </a>

                    <a class="ml-3 text-gray-400" href="https://www.linkedin.com" target="\_blank">

                        <svg fill="skyblue" stroke="currentColor" stroke-linecap="round" stroke-linejoin="round"

                            stroke-width="0" class="w-5 h-5" viewBox="0 0 24 24">

                            <path stroke="none"

                                d="M16 8a6 6 0 016 6v7h-4v-7a2 2 0 00-2-2 2 2 0 00-2 2v7h-4v-7a6 6 0 016-6zM2 9h4v12H2z">

                            </path>

                            <circle cx="4" cy="4" r="2" stroke="none"></circle>

                        </svg>

                    </a>

                </span>

            </div>

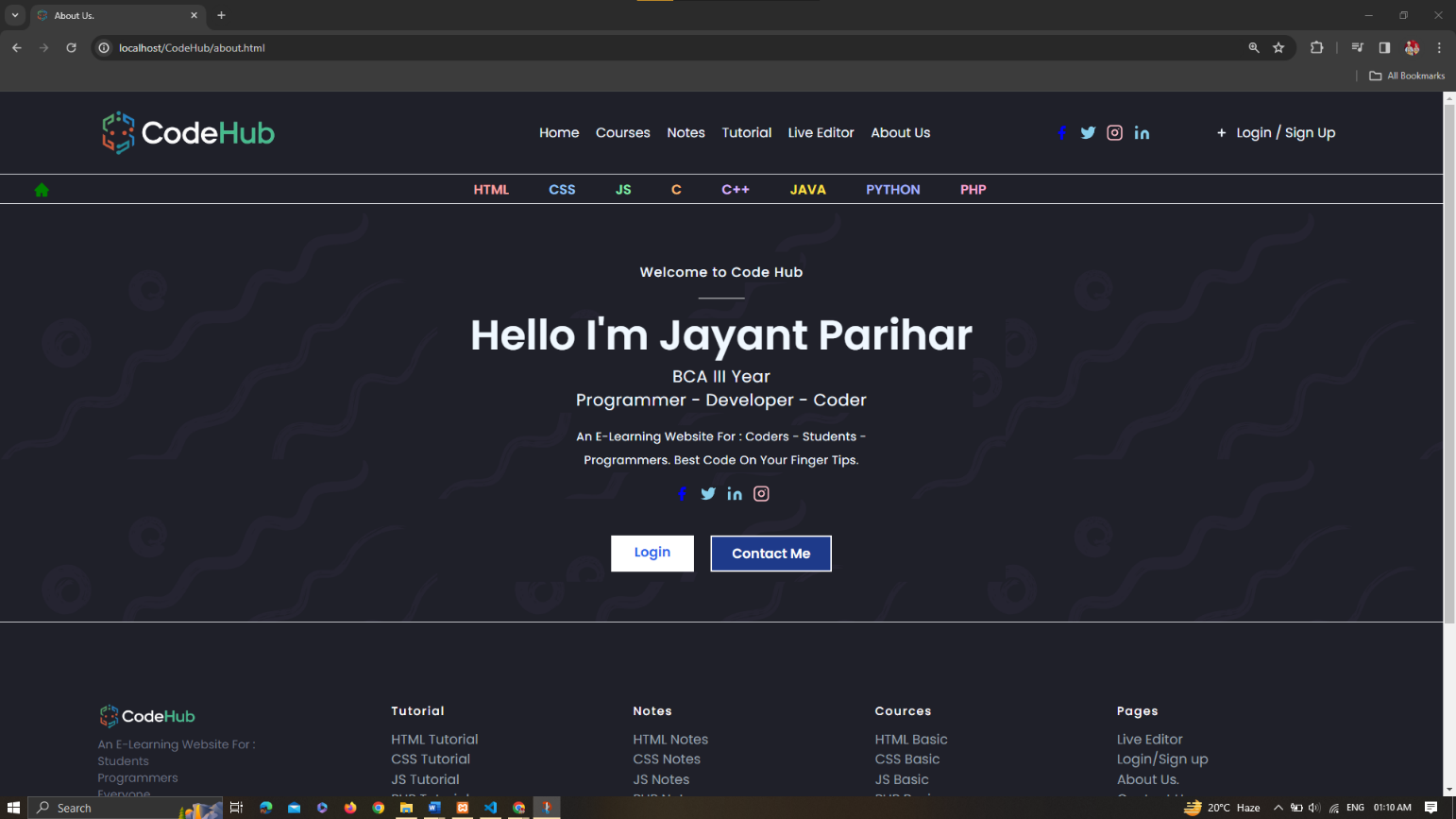
        </div>

    </footer>

</body>

</html>

1. About Us / Contact Us :-



Source Code :-

<!--start-->

<div id="aboutj2" class="flex justify-center bg-900 p-3 md:p-12 lg:p-18">

    <div id="aboutj" class="pt-3 pb-3 flex flex-col text-center justify-center items-center max-w-7xl text-white">

        <h1 class="text-base font-medium tracking-wider">Welcome to Code Hub</h1> <span

            class="underline underline-offset-2 text-white "> &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;

        </span>

        <div class="flex flex-col text-white mt-5">

            <h1 class="text-4xl md:text-[50px] font-semibold">Hello I'm Jayant Parihar</h1>

            <!-- <p class="text-xl mt-2 md:mt-4 tracking-wide">BCA III Year</p> -->

            <p class="text-xl mt-2 md:mt-4 tracking-wide">BCA III Year <br> Programmer - Developer - Coder</p>

        </div>

        <p class="mt-4 text-sm md:w-[52%] tracking-wide leading-7">An E-Learning Website For : Coders - Students -

            Programmers.

            Best Code On Your Finger Tips.

        </p>

        <div class="space-x-3 mt-6 md:mt-4 flex">

            <a href="https://www.facebook.com/" target="\_blank">

                <svg fill="blue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                    class="w-5 h-5 hover:bg-yellow-50" viewBox="0 0 24 24">

                    <path d="M18 2h-3a5 5 0 00-5 5v3H7v4h3v8h4v-8h3l1-4h-4V7a1 1 0 011-1h3z"></path>

                </svg>

            </a>

            <a href="https://www.twitter.com/" target="\_blank">

                <svg fill="skyblue" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                    class="w-5 h-5 hover:bg-yellow-50" viewBox="0 0 24 24">

                    <path

                        d="M23 3a10.9 10.9 0 01-3.14 1.53 4.48 4.48 0 00-7.86 3v1A10.66 10.66 0 013 4s-4 9 5 13a11.64 11.64 0 01-7 2c9 5 20 0 20-11.5a4.5 4.5 0 00-.08-.83A7.72 7.72 0 0023 3z">

                    </path>

                </svg>

            </a>

            <a href="https://www.linkedin.com/" target="\_blank">

                <svg fill="skyblue" stroke="currentColor" stroke-linecap="round" stroke-linejoin="round"

                    stroke-width="0" class="w-5 h-5 hover:bg-yellow-50" viewBox="0 0 24 24">

                    <path stroke="none"

                        d="M16 8a6 6 0 016 6v7h-4v-7a2 2 0 00-2-2 2 2 0 00-2 2v7h-4v-7a6 6 0 016-6zM2 9h4v12H2z">

                    </path>

                    <circle cx="4" cy="4" r="2" stroke="none"></circle>

                </svg>

            </a>

            <a href="https://www.instagram.com/" target="\_blank">

                <svg fill="none" stroke="pink" stroke-linecap="round" stroke-linejoin="round" stroke-width="2"

                    class="w-5 h-5 hover:bg-yellow-50" viewBox="0 0 24 24">

                    <rect width="20" height="20" x="2" y="2" rx="5" ry="5"></rect>

                    <path d="M16 11.37A4 4 0 1112.63 8 4 4 0 0116 11.37zm1.5-4.87h.01"></path>

                </svg>

            </a>

        </div>

        <div class="flex mt-10 space-x-5">

            <a class="bg-white text-blue-600 px-6 py-2 hover:brightness-105 font-semibold"

                href="login.html">&nbsp;Login&nbsp;</a>

            <a class="bg-blue-900 text-white border-2 border-white px-6 py-2 hover:brightness-105 font-semibold"

                href="mailto:jayantparihar01@gmail.com">Contact

                Me</a>

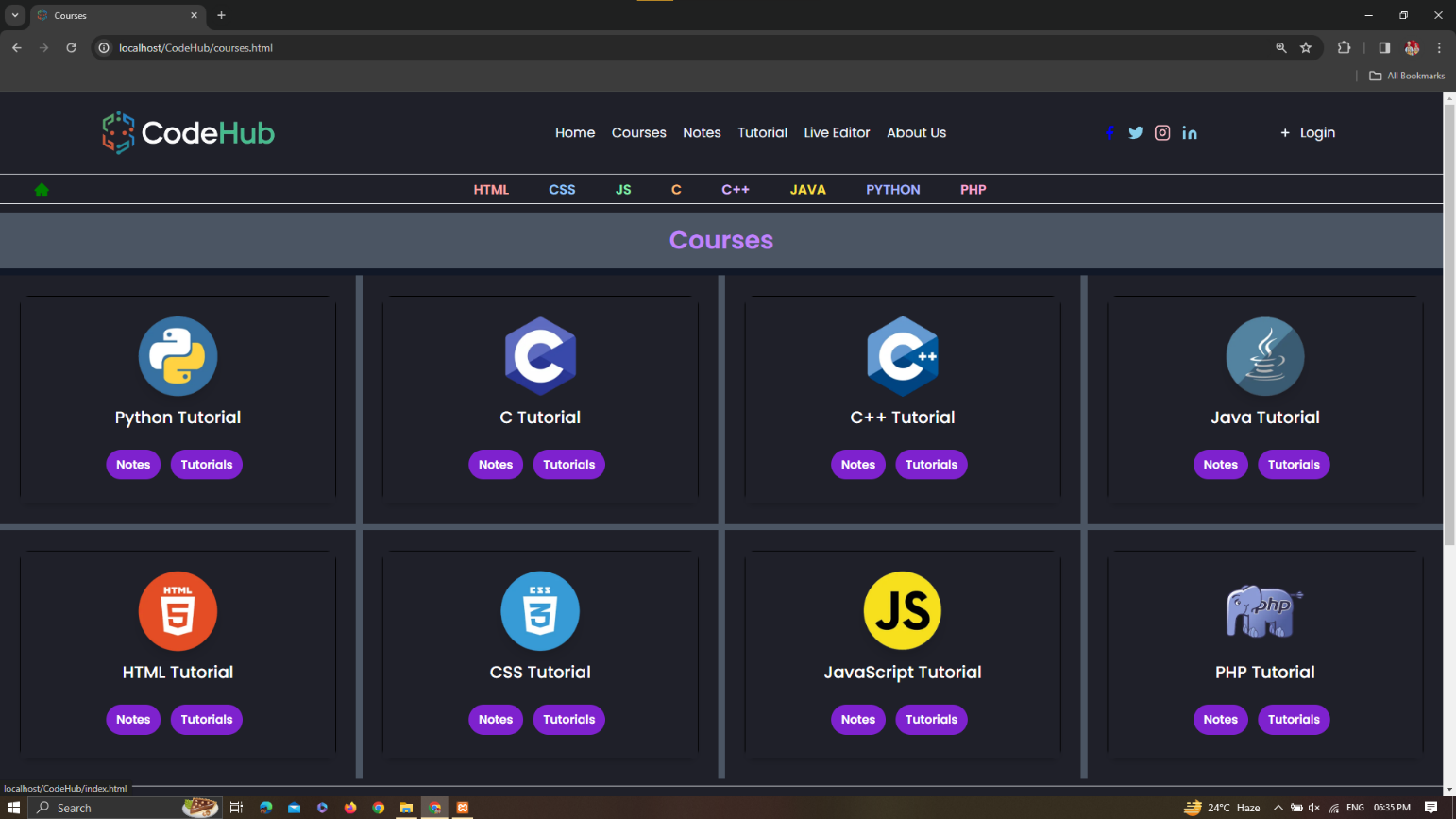
        </div>

    </div>

</div>

<!--end -->

1. Cources:-



Source Code :-

<hr style="padding: 5px;">

    <div class="min-h-full dark:bg-gray-900 mb-2">

        <h1 class="text-center text-3xl pt-4 pb-4 mb-2  font-semibold text-purple-700 dark:text-purple-400 bg-gray-600">

            Courses

        </h1>

        <div class="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 bg-gray-600">

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-python.webp" alt="PythonNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">Python Tutorial</h5>

                        <div class="mt-4  "><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center"

                                href="notes/Python\_Complete\_Notes.pdf" target="\_blank"><button

                                    class="font-semibold">Notes</button></a>

                            <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="https://youtu.be/ihk\_Xglr164?si=BfjfUYLBcjA2OF0O" target="\_blank"><button

                                    class="font-semibold">Tutorials</button></a>

                        </div>

                    </div>

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            </div>

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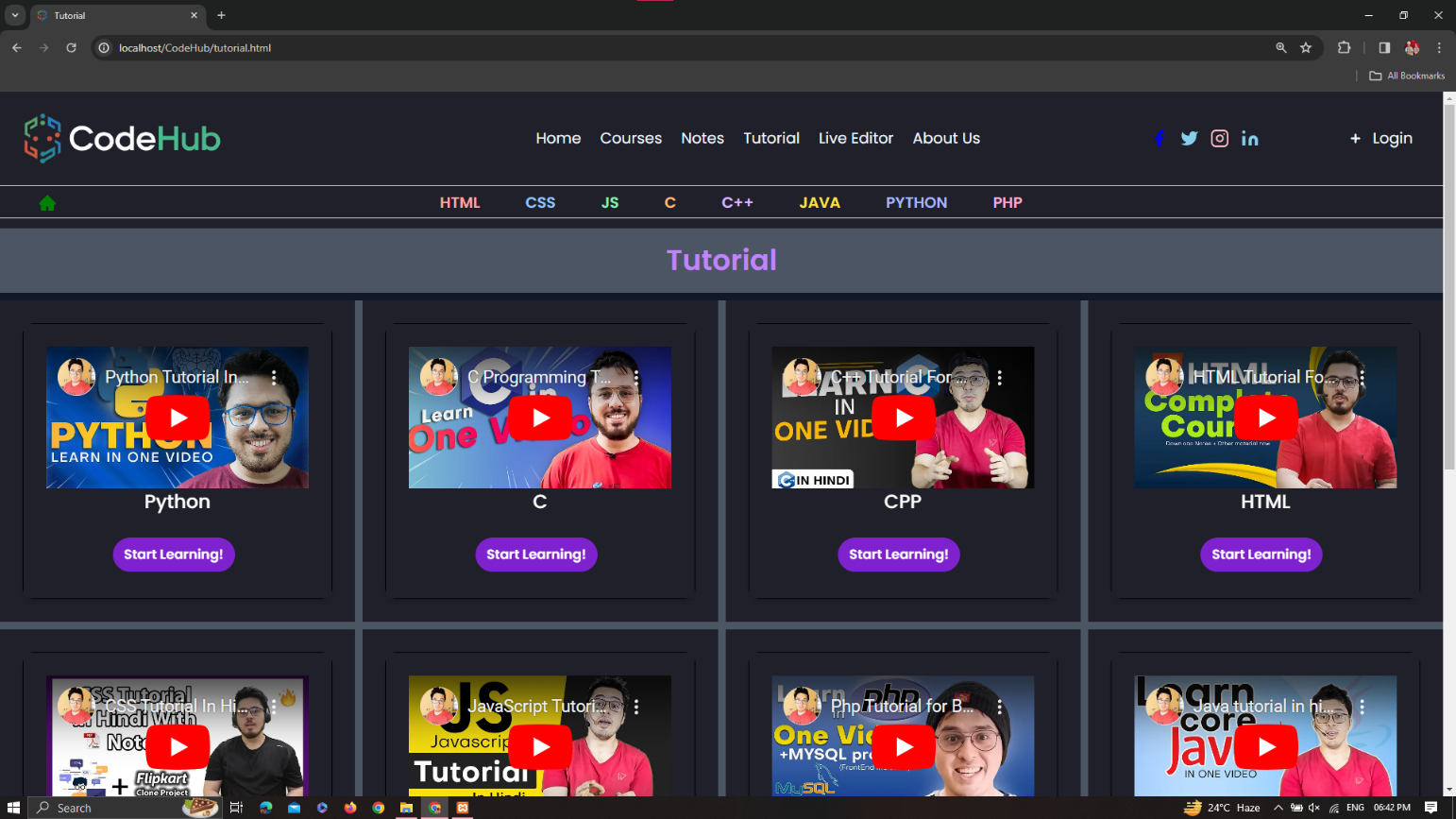
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1. Tutorials:-



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                                href="https://youtu.be/hKB-YGF14SY?si=-NBcOAO3dWhos-wD" target="\_blank"><button

                                    class="font-semibold">Start

                                    Learning!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 ">

                        <iframe class="w-full h-full max-w-sm max-h-sm" width="350" height="315"

                            src="https://www.youtube.com/embed/1SnPKhCdlsU?si=A9G3ub6iyJqgq6oC"

                            title="YouTube video player" frameborder="0"

                            allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                            allowfullscreen=""></iframe>

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PHP

                        </h5>

                        <div class="grid  mt-4  ">

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                                href="https://youtu.be/1SnPKhCdlsU?si=l0UpkCAFOKx9Bdzr" target="\_blank"><button

                                    class="font-semibold">Start

                                    Learning!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 ">

                        <iframe class="w-full h-full max-w-sm max-h-sm" width="350" height="315"

                            src="https://www.youtube.com/embed/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy"

                            title="YouTube video player" frameborder="0"

                            allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                            allowfullscreen=""></iframe>

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JAVA

                        </h5>

                        <div class="grid  mt-4  ">

                            <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="https://youtu.be/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy" target="\_blank"><button

                                    class="font-semibold">Start

                                    Learning!</button></a>

                        </div>

                    </div>

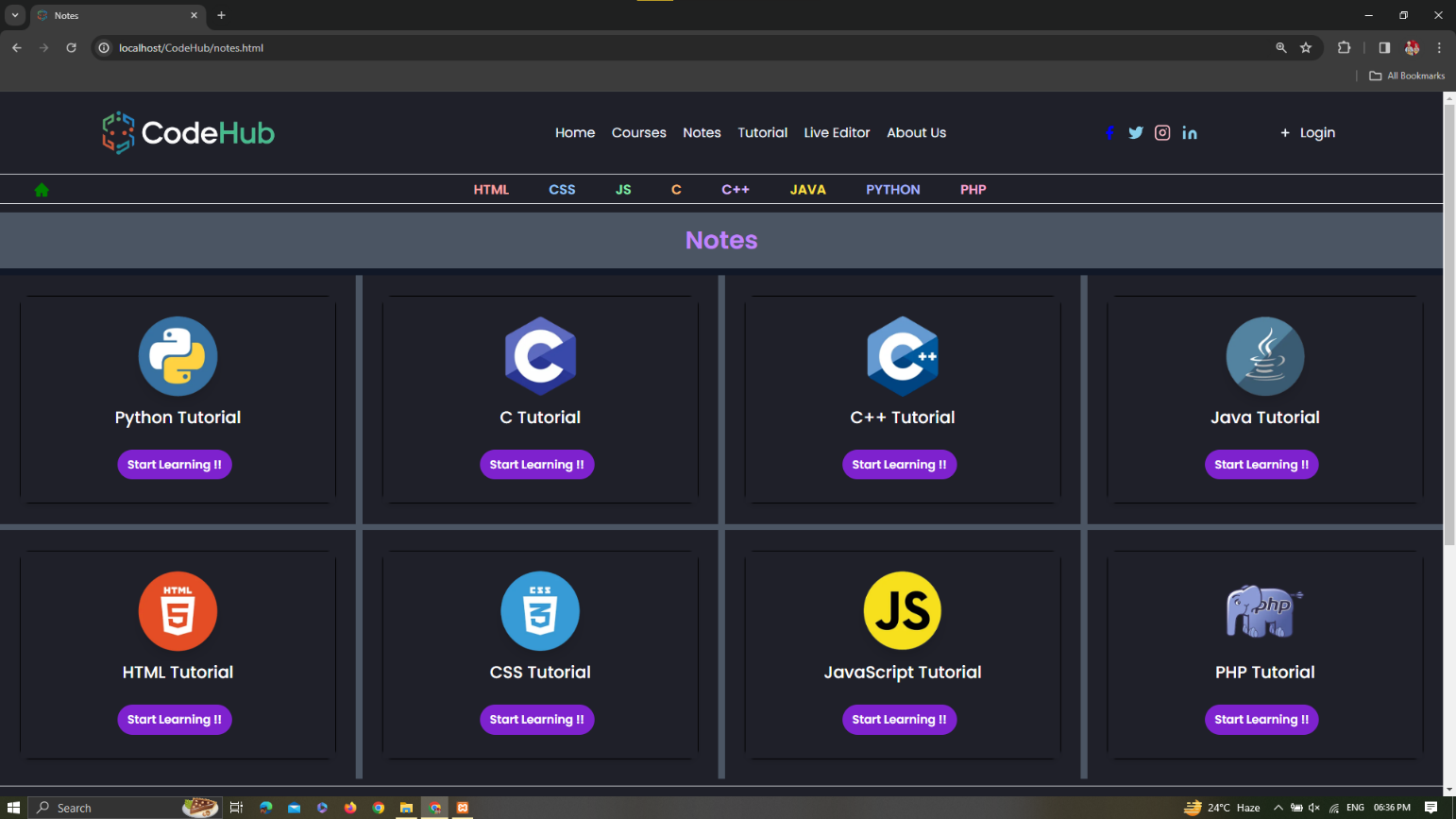
                </div>

            </div>

        </div>

    </div>

1. Notes:-



Source Code:-

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        <h1 class="text-center text-3xl pt-4 pb-4 mb-2  font-semibold text-purple-700 dark:text-purple-400 bg-gray-600">

            Notes

        </h1>

        <div class="grid grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 bg-gray-600">

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-python.webp" alt="PythonNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">Python Tutorial</h5>

                        <div class="mt-4  "><a

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                                href="notes/Python\_Complete\_Notes.pdf" target="\_blank"><button

                                    class="font-semibold">Start Learning !!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full "

                            src="images/notes-c.webp" alt="CNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">C Tutorial</h5>

                        <div class="mt-4  "><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="notes/C\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

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            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full"

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                        <div class="mt-4  "><a

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                                href="notes/C++ 01-Introduction.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

                </div>

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            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-java.webp" alt="javaNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">Java Tutorial</h5>

                        <div class="mt-4  "><a

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                                href="notes/Java\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

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            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-html.webp" alt="html">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">HTML Tutorial</h5>

                        <div class="mt-4  "><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="notes/HTML\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                            src="images/notes-css.webp" alt="cssNotes">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">CSS Tutorial</h5>

                        <div class="mt-4  "><a

                                class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                                href="notes/CSS\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

                </div>

            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

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                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JavaScript Tutorial

                        </h5>

                        <div class="mt-4  "><a

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                                href="notes/JS\_Chapterwise\_Notes.pdf" target="\_blank"><button

                                    class="font-semibold">Start Learning !!</button></a>

                        </div>

                    </div>

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            </div>

            <div class="p-6 flex justify-center">

                <div

                    class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                    <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24" src="images/notes-php.webp"

                            alt="php">

                        <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PHP Tutorial</h5>

                        <div class="mt-4 ">

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                                href="notes/PHP Objects.pdf" target="\_blank"><button class="font-semibold">Start

                                    Learning !!</button></a>

                        </div>

                    </div>

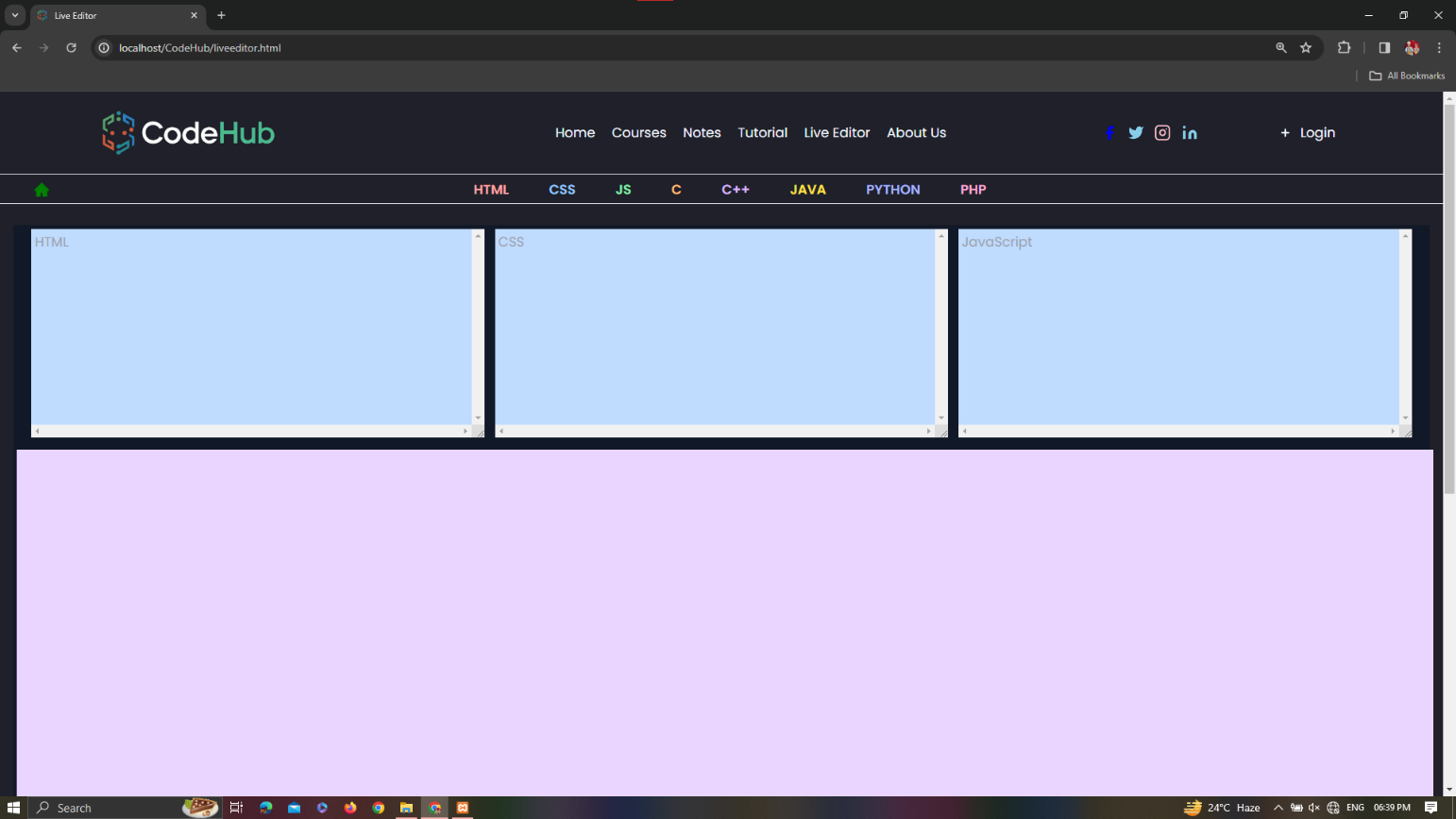
                </div>

            </div>

        </div>

    </div>

1. Live Code Editor:-



Source Code:-

 <hr style="padding: 5px;">

    <div class="m-4 bg-gray-900">

        <textarea class="m-1 p-1 bg-blue-200" style="color: black;" id="html" placeholder="HTML" onkeyup="compile();"></textarea>

        <textarea class="m-1 p-1 bg-blue-200" style="color: black;" id="css" placeholder="CSS" onkeyup="compile();"></textarea>

        <textarea class="m-1 p-1 bg-blue-200" style="color: black;" id="js" placeholder="JavaScript" onkeyup="compile();"></textarea>

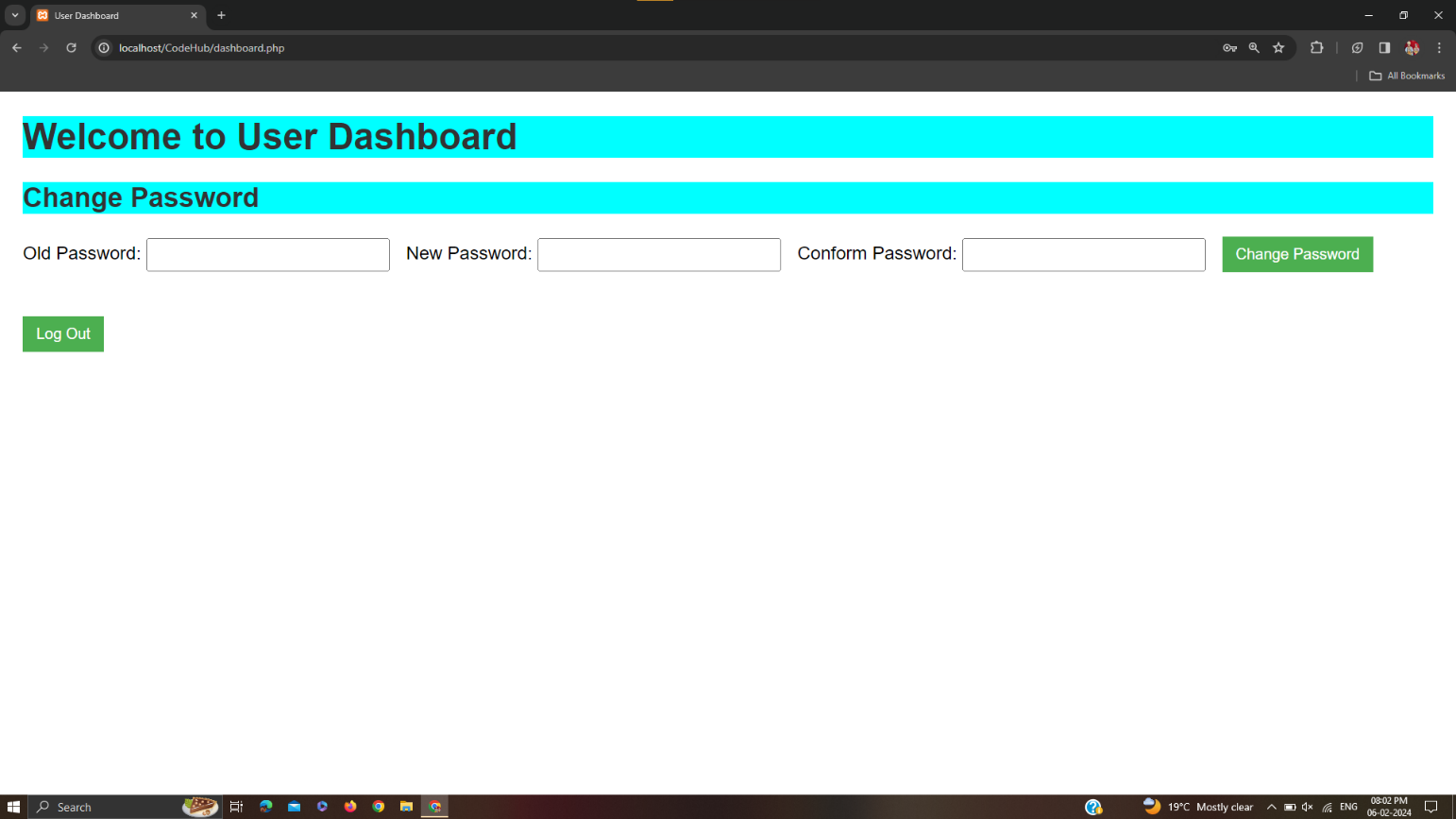
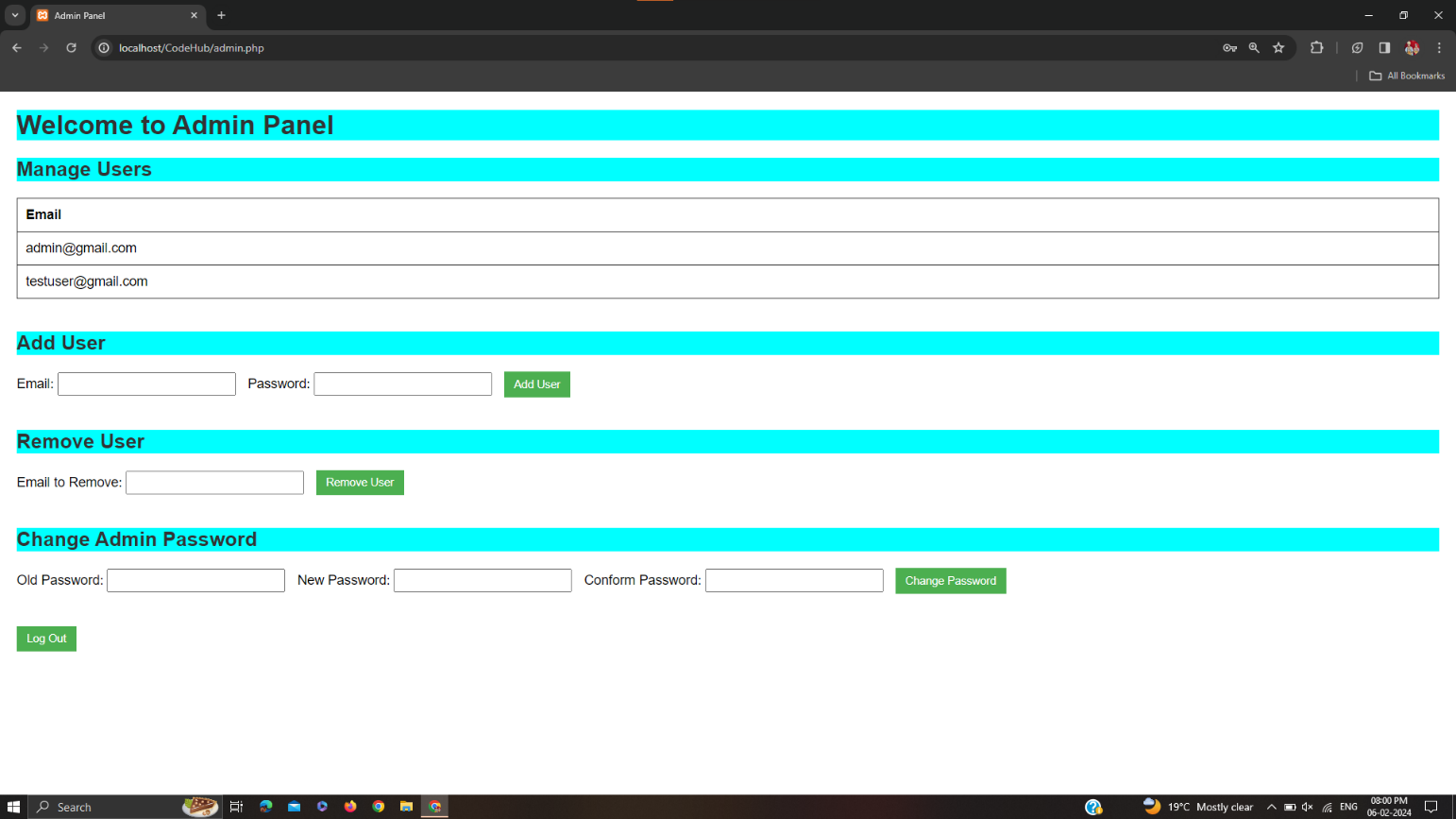
        <iframe class="m-1 p-1 bg-purple-200" style="color: black;" id="code" width="50%" height="50%"></iframe>

    </div>

    <!-- <script type="text/javascript" src="app.js"></script> -->

    <hr>

1. User DashBoard / Admin Panel :-



Source Code:-

User:

<?php

    session\_start();

    if (!isset($\_SESSION['email'])) {

        header('Location: login.html');

        exit();

    }

    $sname = 'localhost';

    $suname = 'root';

    $spasswd = '';

    $dbase = 'codehub';

    $conn = new mysqli($sname, $suname, $spasswd, $dbase);

    if ($conn->connect\_error) {

        die("Connection failed: " . $conn->connect\_error);

    }

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>User Dashboard</title>

    <style>

        /\* dashboard.css \*/

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

        }

        h1, h2 {

            color: #333;

            background-color: aqua;

        }

        form {

            margin-top: 20px;

        }

        input[type="password"] {

            width: 200px;

            padding: 5px;

            margin-right: 10px;

        }

        input[type="submit"] {

            padding: 8px 12px;

            background-color: #4CAF50;

            color: #fff;

            border: none;

            cursor: pointer;

        }

        input[type="submit"]:hover {

            background-color: #45a049;

        }

        /\* Add more styles as needed \*/

    </style>

</head>

<body>

    <h1>Welcome to User Dashboard</h1>

    <h2>Change Password</h2>

    <form action="dashboard.php" method="post">

        Old Password: <input type="password" name="old\_password" required>

        New Password: <input type="password" name="new\_password" required>

        Conform Password: <input type="password" name="con\_password" required>

        <input type="submit" name="change\_password" value="Change Password">

    </form>

    <br>

    <form action="logout.php" method="post">

        <input type="submit" value="Log Out">

    </form>

</body>

</html>

<?php

    // Handle password change

    if (isset($\_POST['change\_password']))

    {

        //password manager

        $old\_password = $\_POST['old\_password'];

        $new\_password = $\_POST['new\_password'];

        $conform\_password = $\_POST['con\_password'];

        //hashed password

        $hased\_new\_password = password\_hash($new\_password, PASSWORD\_DEFAULT);

        $email = $\_SESSION['email'];

        // Fetch the hashed password from the database

        $stmt = $conn->prepare("SELECT password FROM users WHERE email = ?");

        $stmt->bind\_param("s", $email);

        $stmt->execute();

        $stmt->bind\_result($org\_password);

        $stmt->fetch();

        $stmt->close();

        if (password\_verify($old\_password, $org\_password))

        {

            if($new\_password==$conform\_password)

            {

                $stmt2 = $conn->prepare("UPDATE users SET password = ? WHERE email = ?");

                $stmt2->bind\_param("ss", $hased\_new\_password, $email);

                if ($stmt2->execute()) {

                    echo "Password Changed Successfully . ";

                } else {

                    echo "Error: " . $stmt2->error;

                }

            }

            else

            {

                echo "Password Not Matched : Please Type Properly . ";

            }

        }

        else {

            echo "Invalid Details . ";

        }

    }

    $conn->close();

?>

Admin Code:-

<?php

    session\_start();

    include('connection.php');

    if (!isset($\_SESSION['email']) == "admin@gmail.com") {

        header('Location: login.html');

        exit();

    }

    $sname = 'localhost';

    $suname = 'root';

    $spasswd = '';

    $dbase = 'codehub';

    $conn = new mysqli($sname, $suname, $spasswd, $dbase);

    if ($conn->connect\_error) {

        die("Connection failed: " . $conn->connect\_error);

    }

    // Handle user addition

    if (isset($\_POST['add\_user'])) {

        $new\_email = $\_POST['new\_email'];

        $new\_password = $\_POST['new\_password'];

        $hashed\_password = password\_hash($new\_password, PASSWORD\_DEFAULT);

        $stmt = $conn->prepare("INSERT INTO users (email, password) VALUES (?, ?)");

        $stmt->bind\_param("ss", $new\_email, $hashed\_password);

        if ($stmt->execute()) {

            echo "User Added Successfully . ";

        } else {

            echo "Error: " . $stmt->error;

        }

    }

    // Handle user removal

    if (isset($\_POST['remove\_user'])) {

        $email\_to\_remove = $\_POST['email\_to\_remove'];

        $stmt = $conn->prepare("DELETE FROM users WHERE email = ?");

        $stmt->bind\_param("s", $email\_to\_remove);

        if ($stmt->execute()) {

            echo "User Removed Successfully . ";

        } else {

            echo "User Not Exsist . ";

            echo "Error: " . $stmt->error;

        }

    }

    //change admin password

    if (isset($\_POST['change\_password']))

    {

        //password manager

        $old\_password = $\_POST['old\_password'];

        $new\_password = $\_POST['new\_password'];

        $conform\_password = $\_POST['con\_password'];

        //hashed password

        $hased\_new\_password = password\_hash($new\_password, PASSWORD\_DEFAULT);

        $email = $\_SESSION['email'];

        // Fetch the hashed password from the database

        $stmt = $conn->prepare("SELECT password FROM users WHERE email = ?");

        $stmt->bind\_param("s", $email);

        $stmt->execute();

        $stmt->bind\_result($org\_password);

        $stmt->fetch();

        $stmt->close();

        if (password\_verify($old\_password, $org\_password))

        {

            if($new\_password==$conform\_password)

            {

                $stmt2 = $conn->prepare("UPDATE users SET password = ? WHERE email = ?");

                $stmt2->bind\_param("ss", $hased\_new\_password, $email);

                if ($stmt2->execute()) {

                    echo "Passwored Changed Successfully . ";

                } else {

                    echo "Error: " . $stmt2->error;

                }

            }

            else

            {

                echo "Password Not Matched : Please Type Properly . ";

            }

        }

        else {

            echo "Invalid Details . ";

        }

    }

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Admin Panel</title>

    <link rel="stylesheet" href="/css/admin\_style.css">

    <style>

        body {

            font-family: Arial, sans-serif;

            margin: 20px;

        }

        h1,

        h2 {

            color: #333;

            background-color: aqua;

        }

        table {

            width: 100%;

            border-collapse: collapse;

            margin-top: 20px;

        }

        table,

        th,

        td {

            border: 1px solid #333;

        }

        th,

        td {

            padding: 10px;

            text-align: left;

        }

        form {

            margin-top: 20px;

        }

        input[type="email"],

        input[type="password"] {

            width: 200px;

            padding: 5px;

            margin-right: 10px;

        }

        input[type="submit"] {

            padding: 8px 12px;

            background-color: #4CAF50;

            color: #fff;

            border: none;

            cursor: pointer;

        }

        input[type="submit"]:hover {

            background-color: #45a049;

        }

    </style>

</head>

<body>

    <h1>Welcome to Admin Panel</h1>

    <h2>Manage Users</h2>

    <table border="1px">

        <tr>

            <th>Email</th>

        </tr>

        <?php

            $result = $conn->query("SELECT \* FROM users");

            while ($row = $result->fetch\_assoc()) {

                echo "<tr>";

                echo "<td>" . $row['email'] . "</td>";

                echo "</tr>";

            }

        ?>

    </table>

    <br>

    <h2>Add User</h2>

    <form action="admin.php" method="post">

        Email: <input type="email" name="new\_email" required>

        Password: <input type="password" name="new\_password" required>

        <input type="submit" name="add\_user" value="Add User">

    </form>

    <br>

    <h2>Remove User</h2>

    <form action="admin.php" method="post">

        Email to Remove: <input type="email" name="email\_to\_remove" required>

        <input type="submit" name="remove\_user" value="Remove User">

    </form>

    <br>

    <h2>Change Admin Password</h2>

    <form action="admin.php" method="post">

        Old Password: <input type="password" name="old\_password" required>

        New Password: <input type="password" name="new\_password" required>

        Conform Password: <input type="password" name="con\_password" required>

        <input type="submit" name="change\_password" value="Change Password">

    </form>

    <br>

    <form action="logout.php" method="post">

        <input type="submit" value="Log Out">

    </form>

</body>

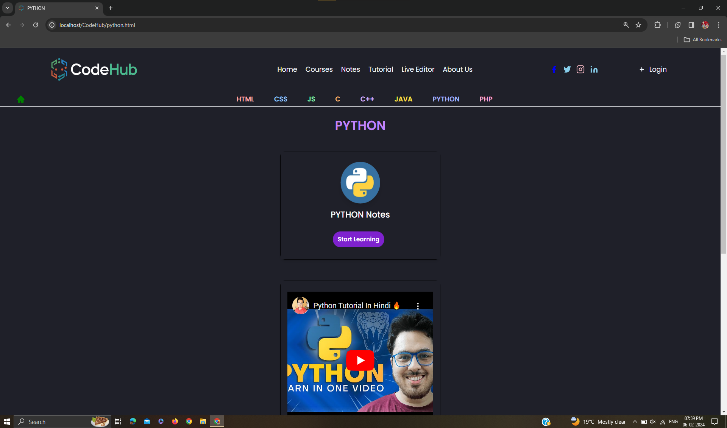
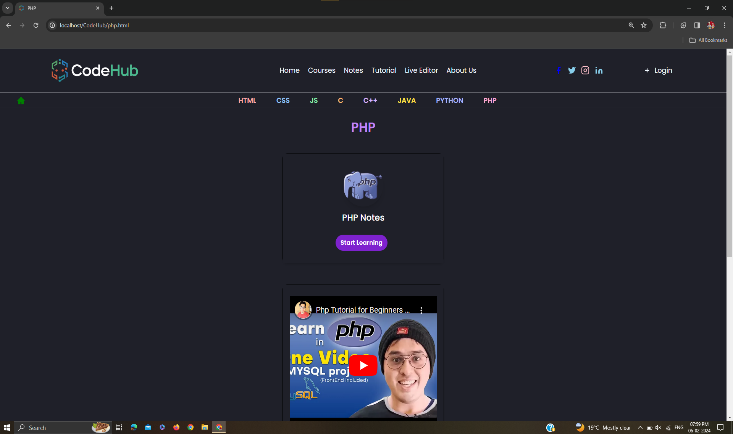
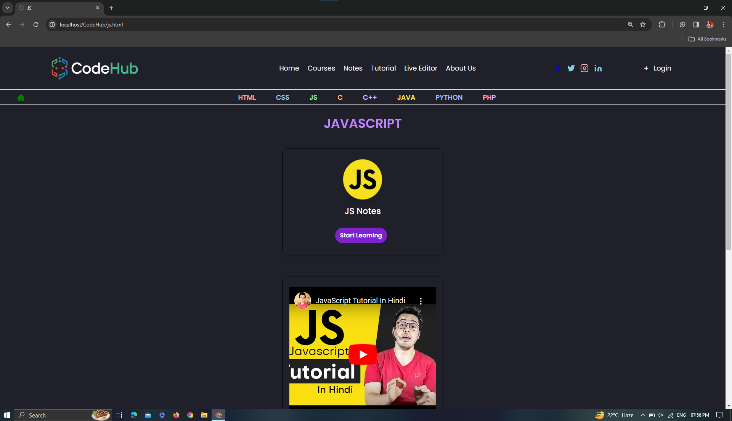
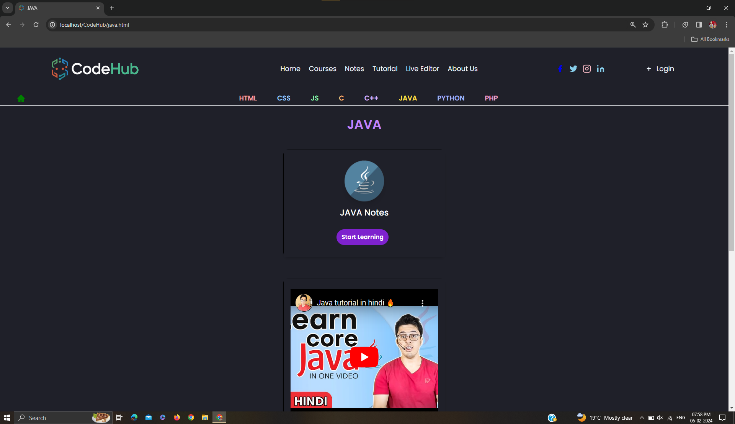
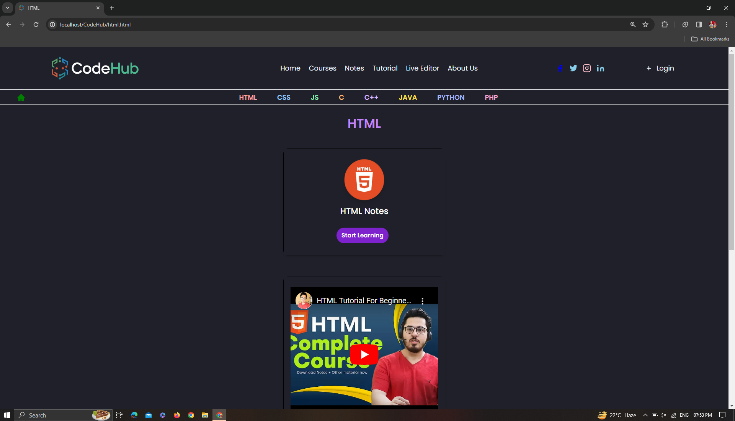
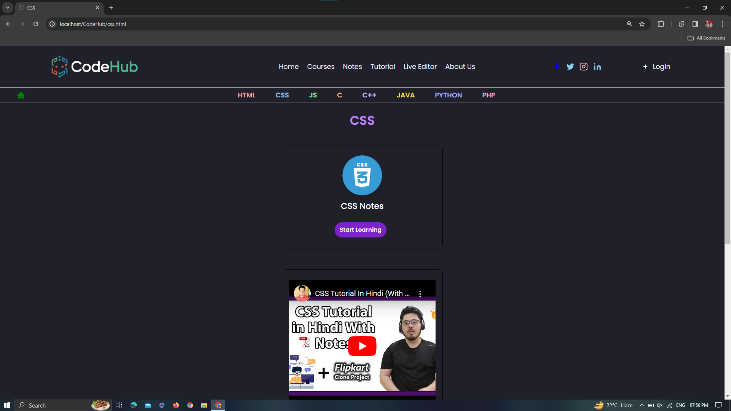
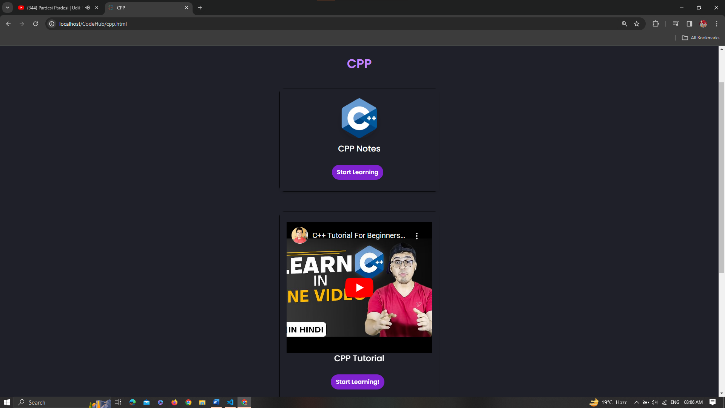
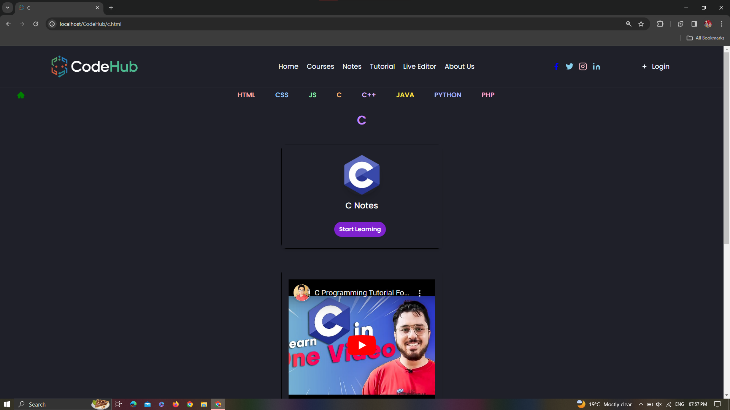
</html>

<?php

    $conn->close();

?>

1. Programming Pages:- (Html,css,js,php,python,c,cpp,java)



Source Code:-

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">C

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-c.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">C Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/C\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

                    <iframe width="350" height="315" src="https://www.youtube.com/embed/YXcgD8hRHYY?si=fSVOzCkadMSO3k56"

                        title="YouTube video player" frameborder="0"

                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">C Tutorial

                    </h5>

                    <div class="grid  mt-4  ">

                        <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="https://youtu.be/YXcgD8hRHYY?si=fSVOzCkadMSO3k56" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">CPP

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-cpp.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">CPP Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/C++ 01-Introduction.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

                    <iframe width="350" height="315" src="https://www.youtube.com/embed/yGB9jhsEsr8?si=W3\_uVF415NQLE\_Hn"

                        title="YouTube video player" frameborder="0"

                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

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                    </h5>

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                            href="https://youtu.be/yGB9jhsEsr8?si=W3\_uVF415NQLE\_Hn" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">HTML

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-html.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">HTML Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/HTML\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

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                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">HTML Tutorial

                    </h5>

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                            href="https://youtu.be/BsDoLVMnmZs?si=AfyE3jw9jcQKRIyR" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">JAVA

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-java.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JAVA Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/Java\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

                    <iframe width="350" height="315" src="https://www.youtube.com/embed/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy"

                        title="YouTube video player" frameborder="0"

                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JAVA Tutorial

                    </h5>

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                        <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="https://youtu.be/rV\_3Lewxx6o?si=HQPV5g874tsu5rKy" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

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    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">JAVASCRIPT

    </h1>

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        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-js.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JS Notes</h5>

                    <div class="grid  mt-4  "><a

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                            href="notes/JS\_Chapterwise\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

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                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">JS Tutorial

                    </h5>

                    <div class="grid  mt-4  ">

                        <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="https://youtu.be/hKB-YGF14SY?si=-NBcOAO3dWhos-wD" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">PHP

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 "><img class="mb-3 w-24 h-24 rounded-full shadow-lg"

                        src="images/notes-php.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PHP Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/PHP Objects.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

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                        title="YouTube video player" frameborder="0"

                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PHP Tutorial

                    </h5>

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                            href="https://youtu.be/1SnPKhCdlsU?si=l0UpkCAFOKx9Bdzr" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

                </div>

            </div>

        </div>

    </div>

</div>

<div class="min-h-full dark:bg-gray-900 mb-4 ">

    <h1 class="text-center text-3xl pt-4 pb-4 font-semibold text-purple-700 dark:text-purple-400 ">PYTHON

    </h1>

    <div class="justify-center grid-cols-1 sm:grid-cols-2 md:grid-cols-3 lg:grid-cols-4 gap-2 ">

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

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                        src="images/notes-python.webp" alt="html">

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PYTHON Notes</h5>

                    <div class="grid  mt-4  "><a

                            class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="notes/Python\_Complete\_Notes.pdf" target="\_blank"><button class="font-semibold">Start

                                Learning</button></a>

                    </div>

                </div>

            </div>

        </div>

        <div class="p-6 flex justify-center">

            <div

                class="w-full max-w-sm bg-white rounded-xl border border-gray-200 shadow-md dark:bg-slate-800 dark:border-black">

                <div class="flex flex-col items-center p-6 ">

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                        title="YouTube video player" frameborder="0"

                        allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share"

                        allowfullscreen=""></iframe>

                    <h5 class="mb-1 text-xl font-medium text-gray-900 dark:text-white">PYTHON Tutorial

                    </h5>

                    <div class="grid  mt-4  ">

                        <a class="inline-block text-white bg-purple-700 rounded-full px-3 py-2 text-sm font-semibold mr-2 my-1 cursor-pointer hover:bg-purple-900 text-center text-semibold"

                            href="https://youtu.be/ihk\_Xglr164?si=BfjfUYLBcjA2OF0O" target="\_blank"><button

                                class="font-semibold">Start

                                Learning!</button></a>

                    </div>

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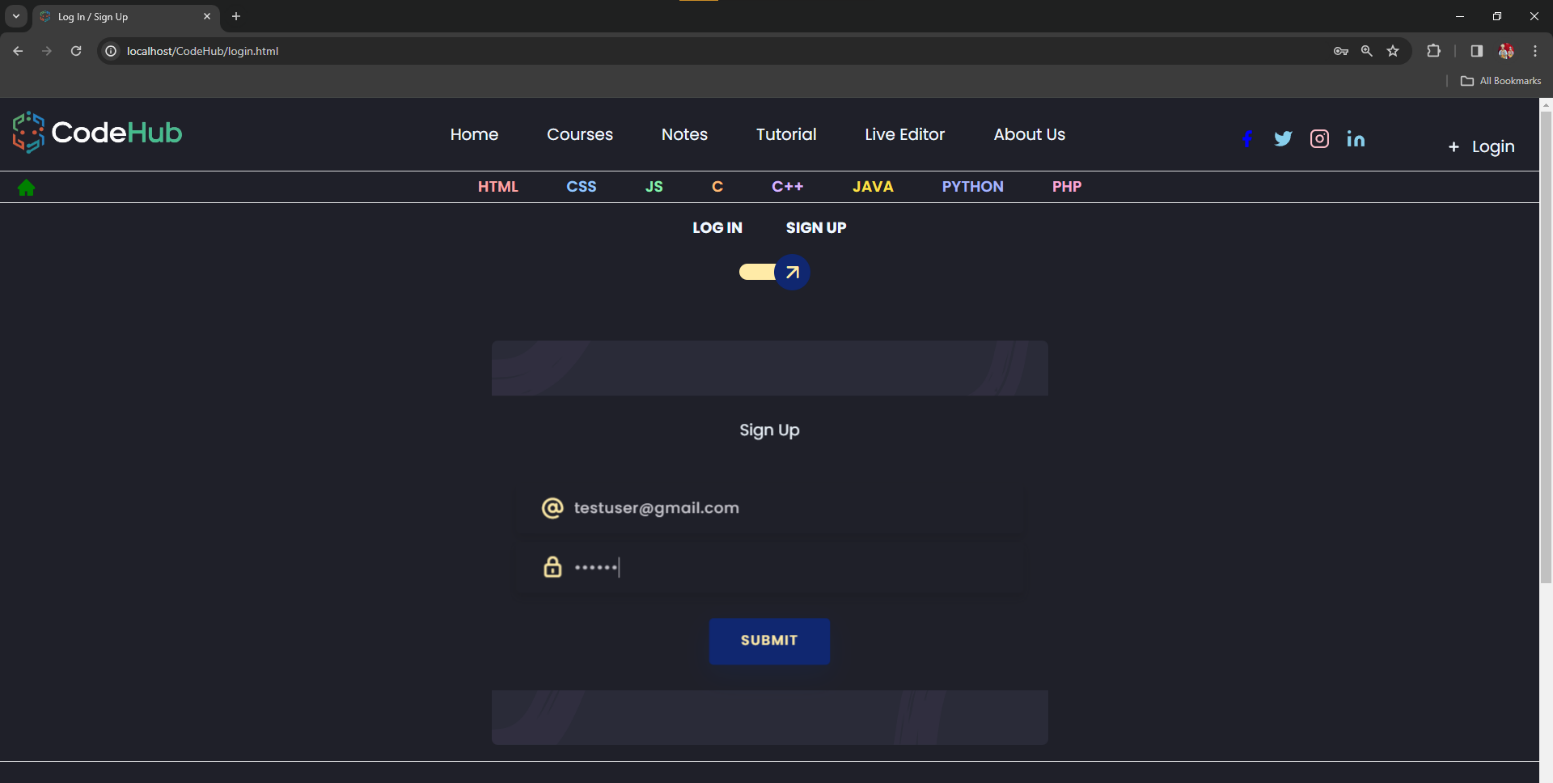
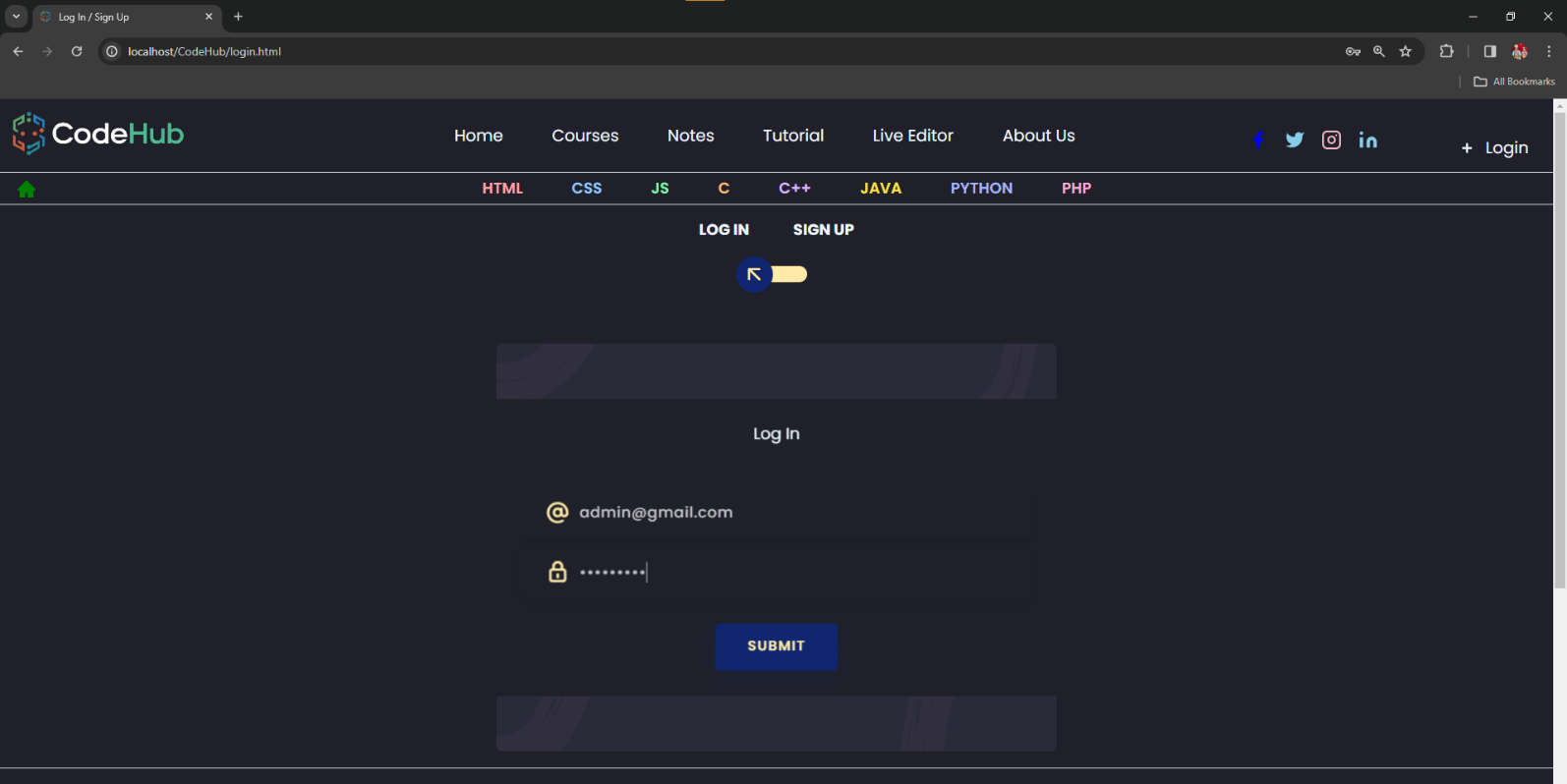
            </div>

        </div>

    </div>

</div>

1. Login / Sign Up page:-



Source Code:-

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Validate</title>

</head>

<body>

</body>

</html>

<?php

    ob\_start(); // Start output buffering

    session\_start();

    include('connection.php');

    $sname = 'localhost';

    $suname = 'root';

    $spasswd = '';

    $dbase = 'codehub';

    // new connection

    $conn = new mysqli($sname, $suname, $spasswd, $dbase);

    // check connection

    if ($conn->connect\_error) {

        die("Connection failed: " . $conn->connect\_error);

    }

    if (isset($\_POST['login'])) {

        $email = $\_POST['email'];

        $password = $\_POST['password'];

        // Use prepared statements to prevent SQL injection

        $stmt = $conn->prepare("SELECT \* FROM users WHERE email=?");

        $stmt->bind\_param("s", $email);

        $stmt->execute();

        $result = $stmt->get\_result();

        if ($result->num\_rows > 0) {

            $user = $result->fetch\_assoc();

            // Use password\_verify for secure password comparison

            if (password\_verify($password, $user['password'])) {

                echo "Logged in successfully";

                $\_SESSION['email'] = $email;

                if ($email == "admin@gmail.com")

                {

                    header('Location: admin.php');

                }

                else {

                    header('Location: dashboard.php');

                }

                exit();

            } else {

                //echo "<script>alert('Invalid Details');</script>";

                header('Location: login.html');

                exit();

            }

        }

        else {

            echo "Invalid Details . ";

            header('Location: login.html');

            exit();

        }

    }

    if (isset($\_POST['signin'])) {

        $email = $\_POST['email'];

        $password = $\_POST['password'];

        // Use password\_hash for secure password storage

        $hashed\_password = password\_hash($password, PASSWORD\_DEFAULT);

        // Use prepared statements to prevent SQL injection

        $stmt = $conn->prepare("INSERT INTO users (email, password) VALUES (?, ?)");

        $stmt->bind\_param("ss", $email, $hashed\_password);

        if ($stmt->execute()) {

            $\_SESSION['email'] = $email;

            echo"User Added Successfully . ";

            header('Location: login.html');

            exit();

        } else {

            echo "Error: " . $stmt->error;

            header('Location: login.html');

            exit();

        }

    }

    $conn->close();

    ob\_end\_flush(); // Flush and turn off output buffering

?>

<hr class="dark:bg-gray-100">

<div class="section pb-3 pt-3 text-center ">

    <h6 class="mb-0 pb-3"><span>Log In </span><span>Sign Up</span></h6>

    <input class="checkbox" type="checkbox" id="reg-log" name="reg-log" />

    <label for="reg-log"></label>

    <div class="card-3d-wrap mx-auto">

        <div class="card-3d-wrapper">

            <div class="card-front">

                <div class="center-wrap">

                    <div class="section text-center">

                        <h2 class="mt-4 mb-4 pb-3">Log In</h2>

                        <form action="validate.php" method="post">

                            <div class="form-group">

                                <input type="email" name="email" class="form-style" placeholder="Your Email"

                                    id="logemail" autocomplete="off">

                                <i class="input-icon uil uil-at"></i>

                            </div>

                            <div class="form-group mt-2">

                                <input type="password" name="password" class="form-style" placeholder="Your Password"

                                    id="logpass" autocomplete="off">

                                <i class="input-icon uil uil-lock-alt"></i>

                            </div>

                            <input type="submit" value="submit" name="login" class="btn mt-4 mb-4">

                        </form>

                    </div>

                </div>

            </div>

            <div class="card-back">

                <div class="center-wrap">

                    <div class="section text-center">

                        <h2 class="mt-4 mb-4 pb-3">Sign Up</h2>

                        <form action="validate.php" method="post">

                            <div class="form-group mt-2">

                                <input type="email" name="email" class="form-style" placeholder="Your Email"

                                    id="logemail" autocomplete="off">

                                <i class="input-icon uil uil-at"></i>

                            </div>

                            <div class="form-group mt-2">

                                <input type="password" name="password" class="form-style" placeholder="Your Password"

                                    id="logpass" autocomplete="off">

                                <i class="input-icon uil uil-lock-alt"></i>

                            </div>

                            <input type="submit" value="submit" name="signin" class="btn mt-4 mb-4">

                        </form>

                    </div>

                </div>

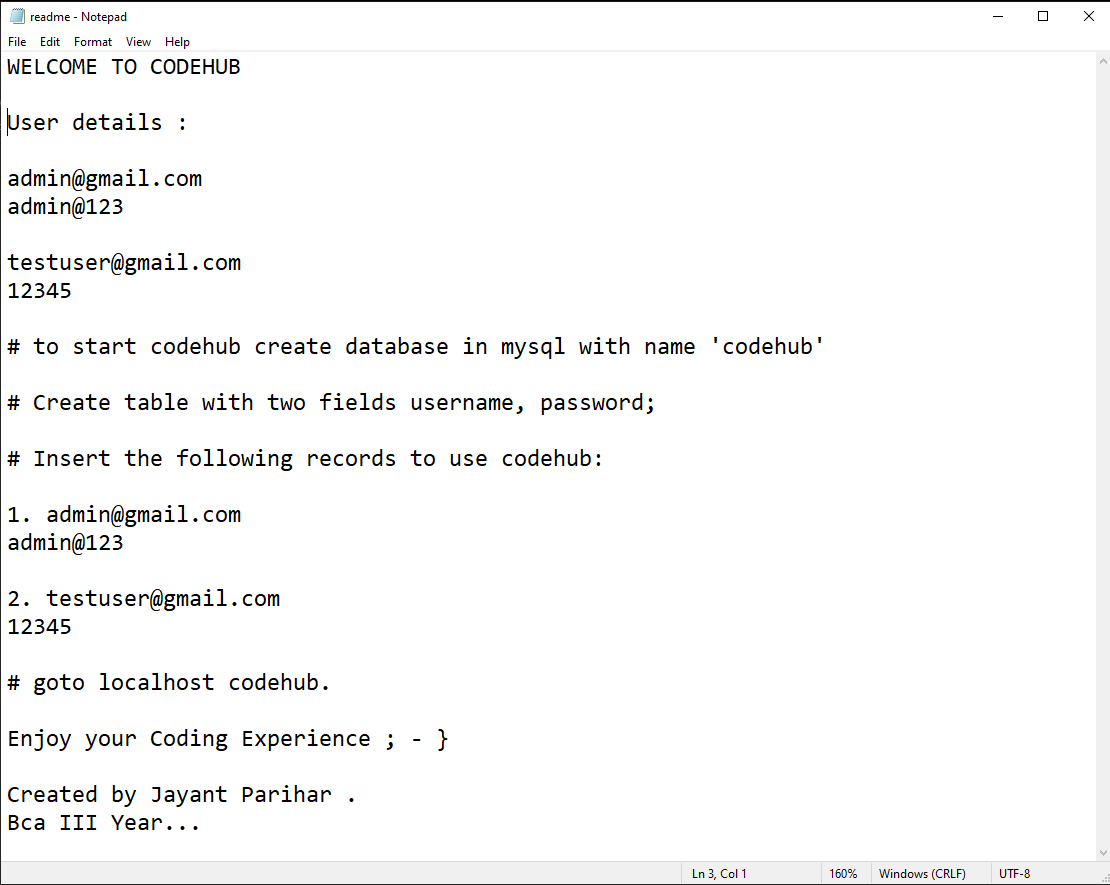
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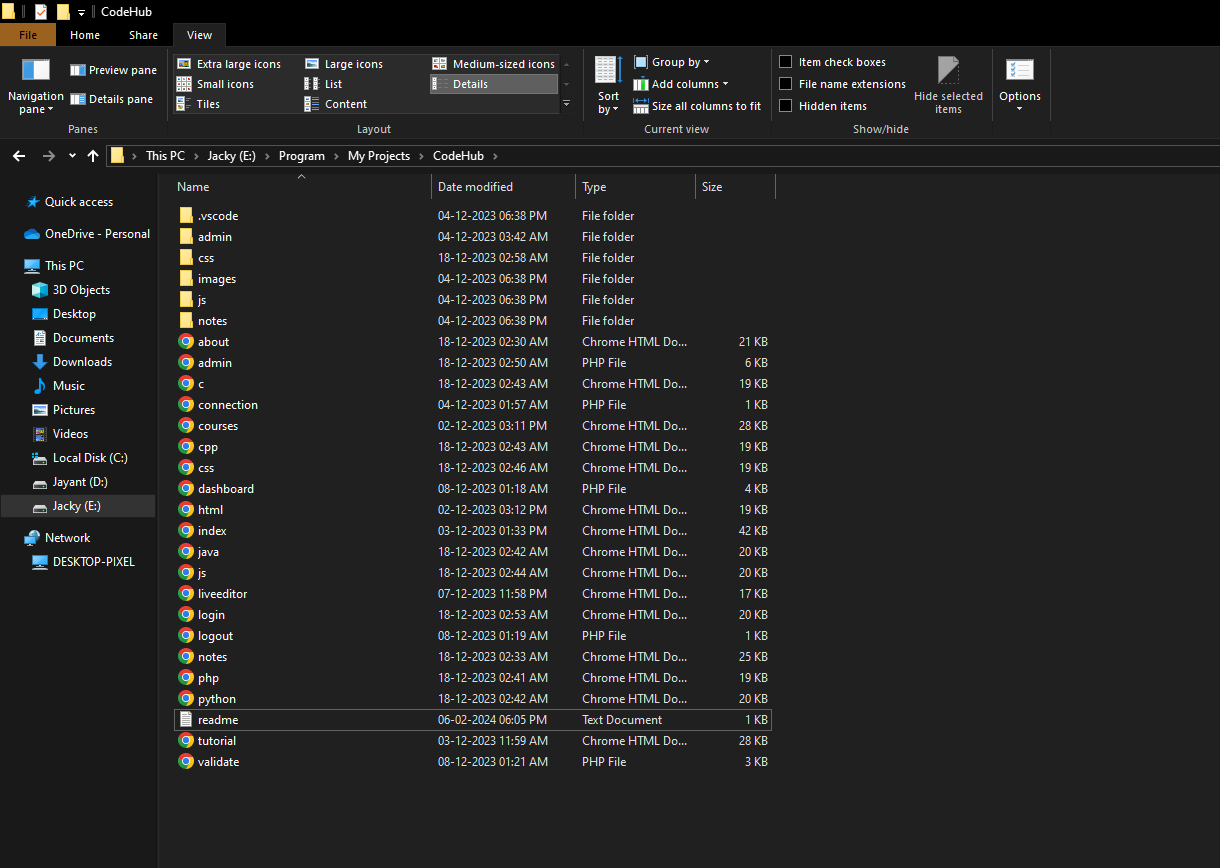
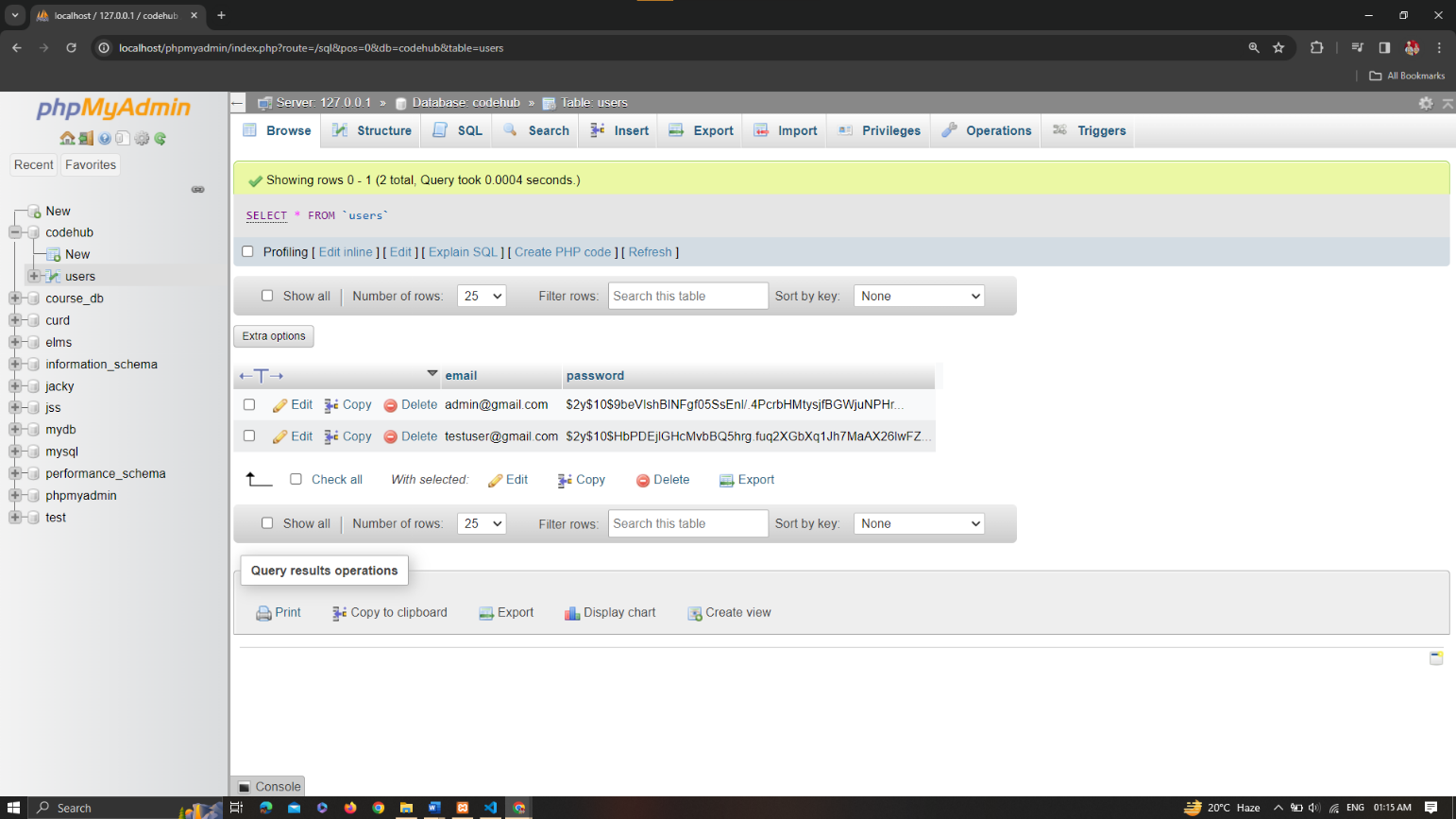
        </div>

    </div>

</div>

1. All Files Overview / Database / Readme :-





1. **CONCLUSION**

CodeHub's live code editor and programming examples have revolutionized the learning experience for coders. By providing an interactive and practical platform, CodeHub has empowered coders to enhance their skills in various programming languages. The immediate feedback, real-world examples, and community engagement have made CodeHub a go-to resource for aspiring coders.

By combining these technologies, we can create a feature-rich online programming tutorial website that offers interactive lessons, coding exercises, and user profiles.

1. **REFERENCE**

* Logo: [https://ideogram.ai/g/NbA4fGq4SwCG3QKJ1cbtCA/3](https://ideogram.ai/g/NbA4fGq4SwCG3QKJ1cbtCA/3%20)
* Tailwind CSS: <https://cdn.tailwindcss,com>
* Tailblocks: <https://tailwindui.com/components>
* Bootstrap: <https://themes.getbootstrap.com/>
* Xampp: <https://www.apachefriends.org/download.html>
* VS Code: <https://code.visualstudio.com/download>
* StudyMaterial:<https://youtube.com/playlist?list=PLu0W_9lII9agiCUZYRsvtGTXdxkzPyItg&si=lsmCFcl-NTYfbkzg>

1. **Website Code OR.**

