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Submitted to Department of Computer Application:

Submitted to:

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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

(Dr. Leena KhemChandani)

Guide

(Mr. Ankit Khandelwal)

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 Ankit Khandelwal 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

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I. 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.

II. 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.

III. Key Features

- 1. 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.
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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.
- 6. Live Code Editor:** The platform offers a live code editor where users can practice coding.
- 7. 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.
- 8. 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

IV. TOOLS AND TECHNIQUE

A. Hardware Technique

B. Software Technique

A. 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

B. 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 is 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.

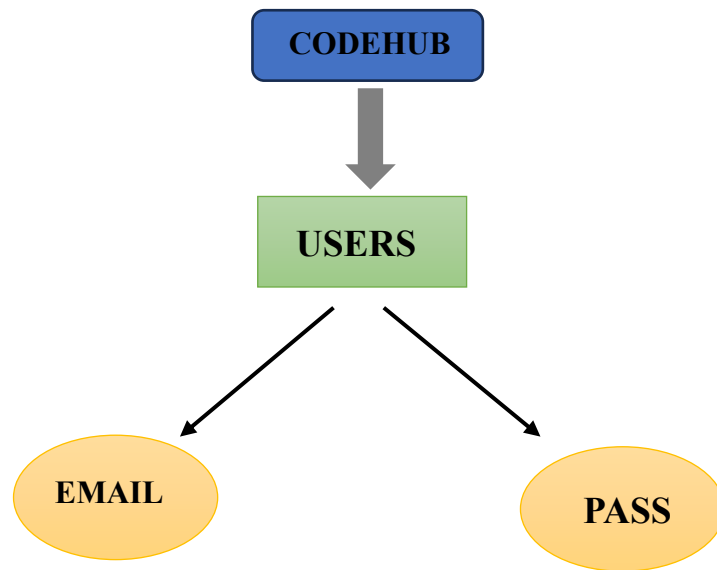
****XAMPP**:-**


- 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.

V. ER Diagram



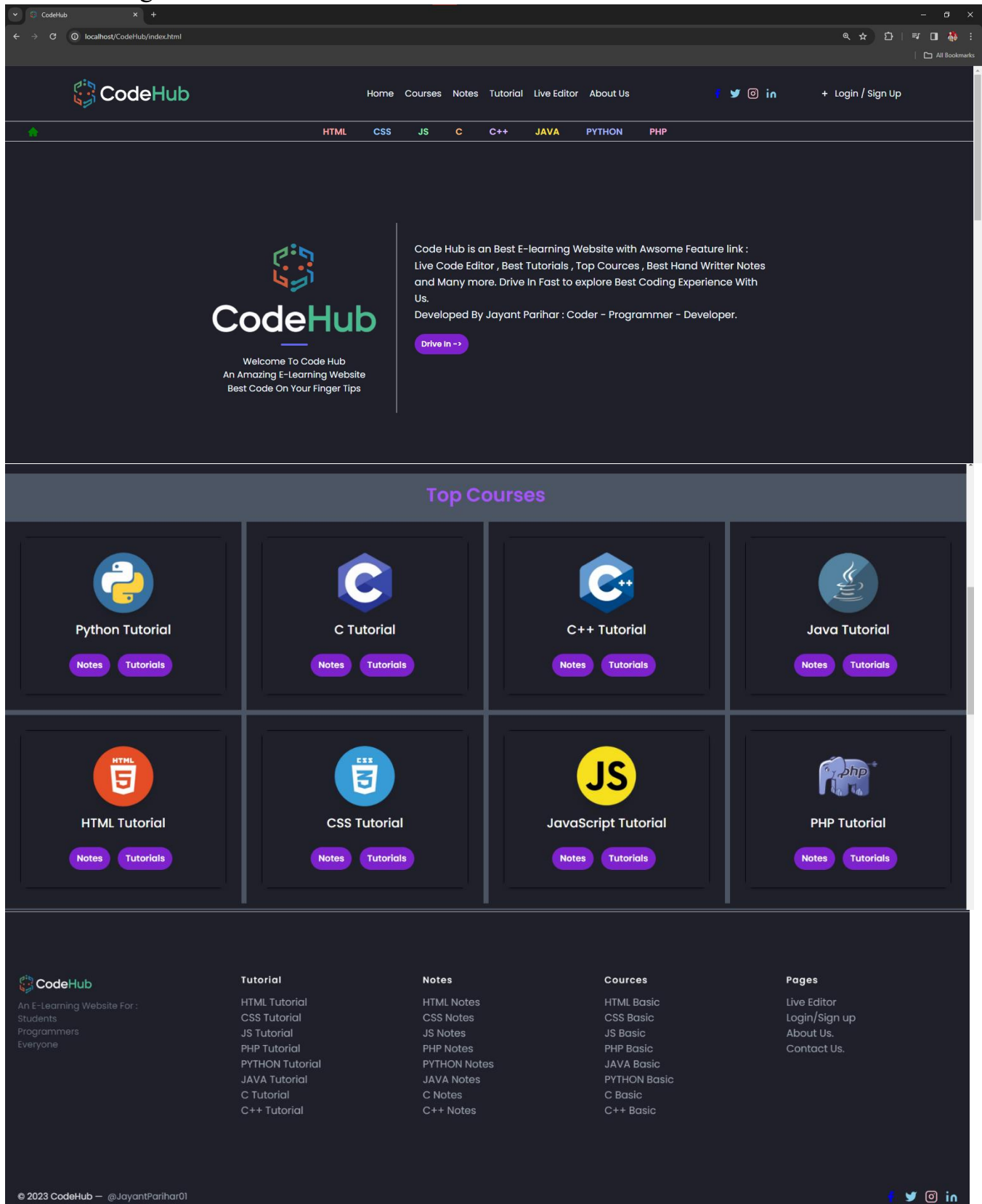
 :- Database

 :- Table

 :- Fields

VI. Source Code and Images

1. 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">
                
                
            </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 0-5 5v3H7v4h3v8h4v-8h3l1-4h-
4V7a1 1 0 01-1h3z"></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">
                        
                    </div>
                    <div class="flex flex-col items-center text-center justify-
center">
                        
                        <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>
        </div>
        <div class="sm:w-2/3 sm:pl-8 sm:py-8 sm:border-1 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 Writer 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>
</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">
                <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=BfjfUYLBcjA20
F00" target="_blank"><button
                            class="font-semibold">Tutorials</button></a>
                    </div>
                </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 ">
            <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">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/YXcgD8hRHY?si=fSV0zCkadMSO3
k56" target="_blank"><button
            class="font-semibold">Tutorials</button></a>
        </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 ">
        <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++ 01-Introduction.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/yGB9jhsEsr8?si=W3_uVF415NQL
_Hn" target="_blank"><button
            class="font-semibold">Tutorials</button></a>
        </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 ">
        <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">Java 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/Java_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/rV_3Lewxx6o?si=HQPV5g874tsu5
rKy" 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 ">
            <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">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/BsDoLVMnmZs?si=AfyE3jw9jcQKR
IyR" target="_blank"><button
                        class="font-semibold">Tutorials</button></a>
                </div>
            </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 ">
            <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">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/Edsxf_NBFrw?si=t5y4a6fVCTA2I
-Zi" 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 ">
            <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">JavaScript 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/JS_Chapterwise_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/hKB-YGF14SY?si=-
NBcOA03dWhos-wD" 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 ">
                                    <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">PHP 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/PHP Objects.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/1SnPKhCd1sU?si=10UpkCAFOKx9B
dZr" target="_blank"><button
                                    class="font-semibold">Tutorials</button></a>
                                    </div>
                                    </div>
                                    </div>
                                    </div>
                                </div>
                                <div class="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">
                                Tutorial
                                </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 ">

```

```

        <iframe class="w-full h-full max-w-sm max-h-sm" width="350"
height="315"
        src="https://www.youtube.com/embed/ihk_Xglr164?si=KDjwt
h7tyLZ7xpUC"
        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
        </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=BfjfUYLBcjA20
F00" target="_blank"><button
                    class="font-semibold">Start
                    Learning!</button></a>
            </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/YXcgD8hRHY?si=fSV0z
CkadMS03k56"
                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
                </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/YXcgD8hRHY?si=fSV0zCkadMS03
k56" target="_blank"><button
                            class="font-semibold">Start
                            Learning!</button></a>
                    </div>
                </div>
            </div>
        </div>
    </div>

```



```

        </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/yGB9jhsEsr8?si=2KQMm
G3pyBmvvXeE"
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">CPP
        </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/yGB9jhsEsr8?si=W3_uVF415NQL
E_Hn" 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/BsDoLVMnmZs?si=AfyE3
jw9jcQKRIyR"
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">HTML

```



```

        <iframe class="w-full h-full max-w-sm max-h-sm" width="350"
height="315"
        src="https://www.youtube.com/embed/hKB-YGF14SY?si=-
WmmeQAHq8kQuSCd"
        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">JavaScript
        </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=-
NBcOA03dWhos-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=A9G3u
b6iyJqgq6oC"
            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=10UpkCAFOkX9B
dZr" target="_blank"><button
                        class="font-semibold">Start
                        Learning!</button></a>
                </div>
            </div>
        </div>
    </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=HQPv5
g874tsu5rKy"
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=HQPv5g874tsu5
rKy" 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">
                

```

```

                
            </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>
  <nav class="list-none mb-10">
    <li>
      <a class="text-gray-400 hover:text-white"
href="html.html">HTML Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="css.html">CSS Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="js.html">JS Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="php.html">PHP Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="python.html">PYTHON Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="java.html">JAVA Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="c.html">C Notes</a>
    </li>
    <li>
      <a class="text-gray-400 hover:text-white"
href="cpp.html">C++ Notes</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">Courses</h2>
  <nav class="list-none mb-10">
    <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 0-5 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>

```

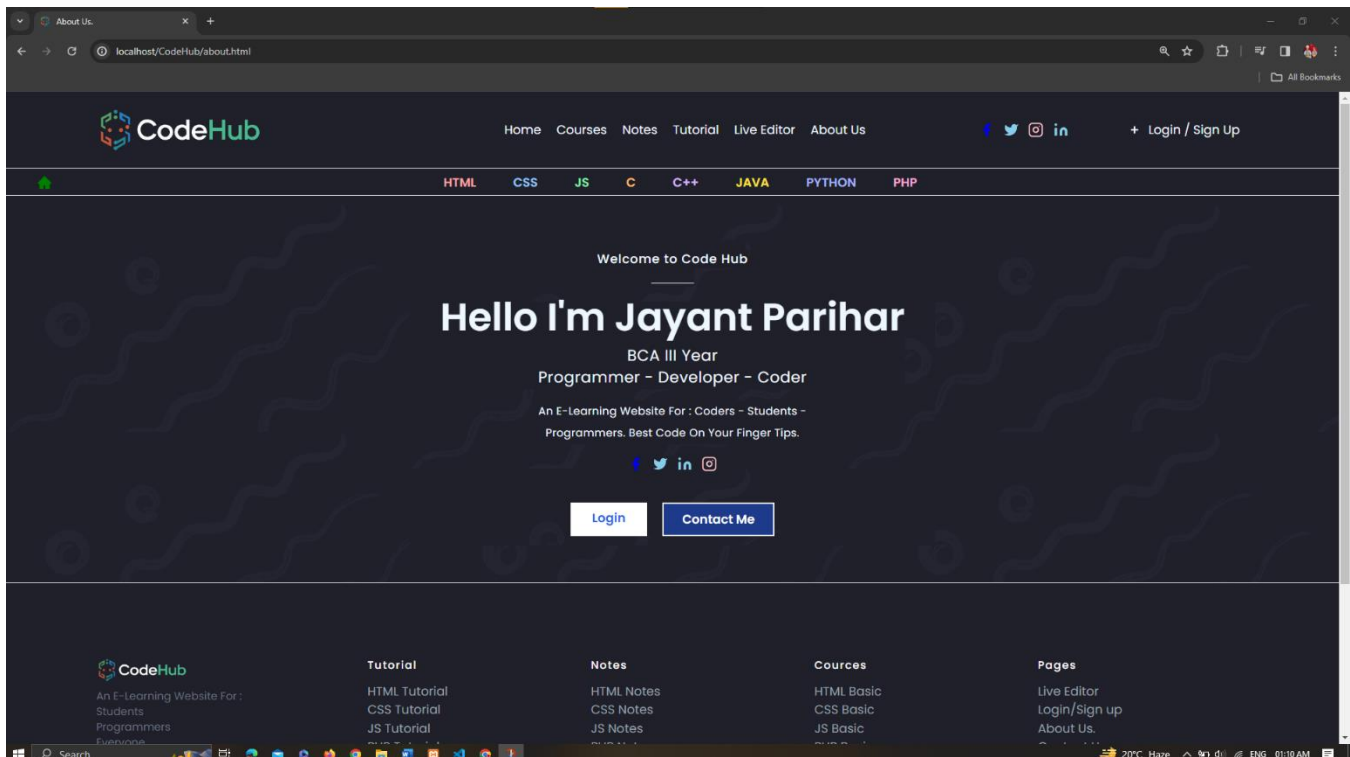


```

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 0 016-6z" />
      <circle cx="4" cy="4" r="2" stroke="none"></circle>
    </svg>
  </a>
</span>
</div>
</div>
</footer>
</body>
</html>

```

2. About Us / Contact Us :-



Source Code :-

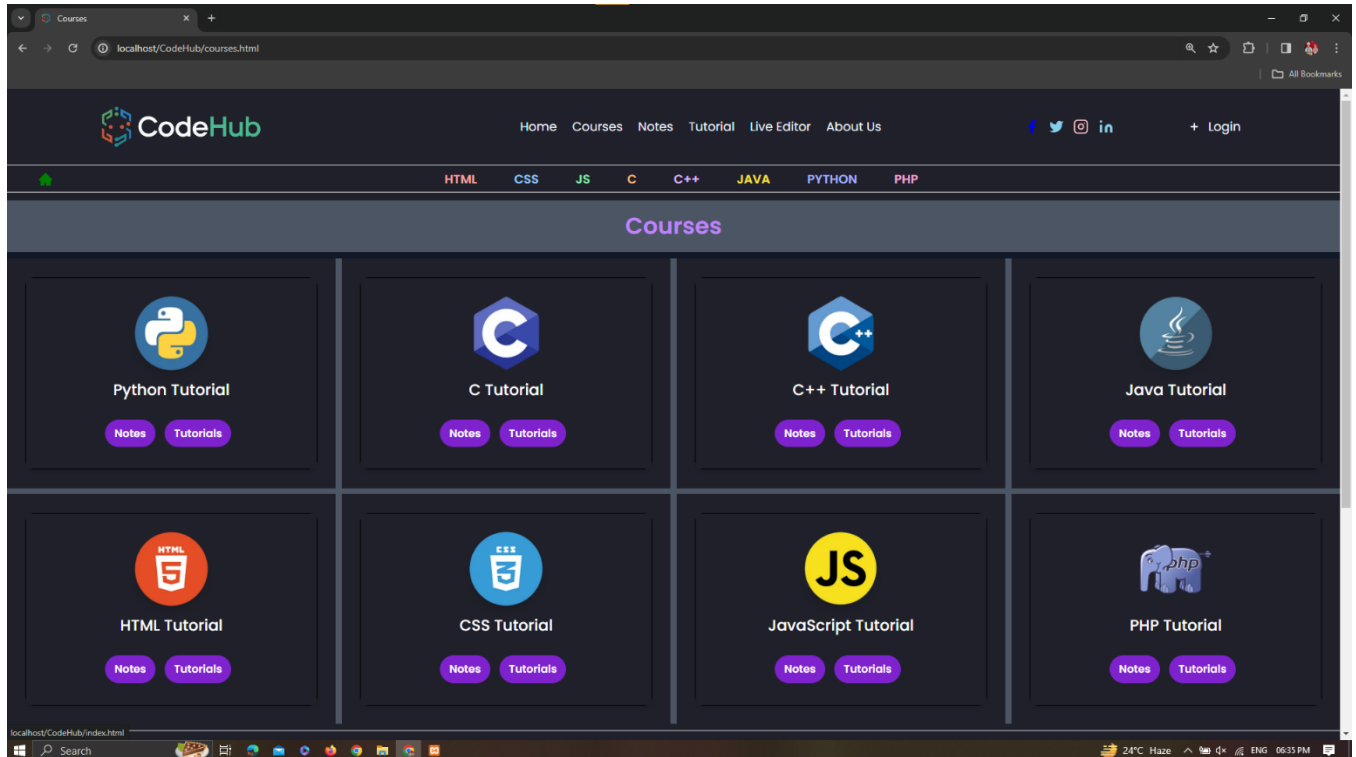
[illegible]

```

        <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 -->

```

3. Courses:-



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 ">
        <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>
      </div>
    </div>
  </div>
</div>
```

```

        <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=BfjfUYLBc
jA20F00" target="_blank"><button
                                class="font-
semibold">Tutorials</button></a>
        </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 ">
        <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">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"
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MS03k56" target="_blank"><button
                                class="font-
semibold">Tutorials</button></a>
        </div>
    </div>
</div>
</div>
<div class="p-6 flex justify-center">
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        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 ">
        <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">C++ Tutorial</h5>

```

```

        <div class="mt-4 "><a
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target="_blank"><button
            class="font-semibold">Notes</button></a>
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purple-900 text-center text-semibold"
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NQLE_Hn" target="_blank"><button
            class="font-
semibold">Tutorials</button></a>
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</div>
<div class="p-6 flex justify-center">
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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">Java Tutorial</h5>
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target="_blank"><button
            class="font-semibold">Notes</button></a>
        <a class="inline-block text-white bg-purple-700
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purple-900 text-center text-semibold"
            href="https://youtu.be/rV_3Lewxx6o?si=HQPV5g874
tsu5rKy" target="_blank"><button
            class="font-
semibold">Tutorials</button></a>
        </div>
    </div>
</div>
</div>
<div class="p-6 flex justify-center">
    <div

```

```

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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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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"
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cQKRIyR" target="_blank"><button
                class="font-
semibold">Tutorials</button></a>
            </div>
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</div>
<div class="p-6 flex justify-center">
    <div
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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">CSS Tutorial</h5>
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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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target="_blank"><button
                class="font-semibold">Notes</button></a>
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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/Edsxf_NBFrw?si=t5y4a6fVC
TA2I-Zi" target="_blank"><button

```

```

                                class="font-
semibold">Tutorials</button></a>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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dark:text-white">JavaScript Tutorial
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target="_blank"><button
                                class="font-semibold">Notes</button></a>
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NBcOA03dWhos-wD" target="_blank"><button
                                class="font-
semibold">Tutorials</button></a>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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dark:text-white">PHP Tutorial</h5>
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purple-900 text-center text-semibold"

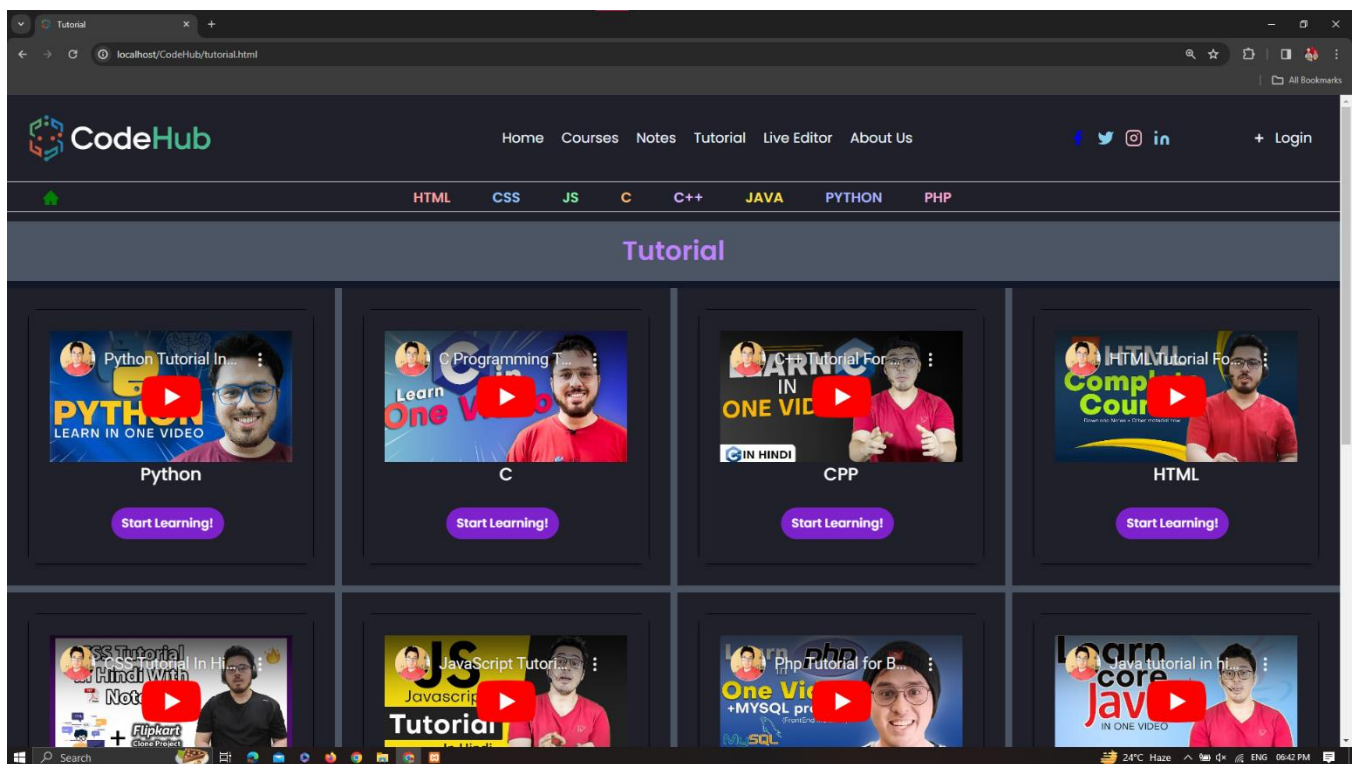
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```

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Kx9BdZr" target="_blank"><button
                                class="font-
semibold">Tutorials</button></a>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        <hr>
    
```

4. Tutorials:-



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">
      Tutorial
    </h1>
```

```

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cols-4 gap-2 bg-gray-600">
  <div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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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
        </h5>
        <div class="grid mt-4 ">
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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=BfjfUYLbc
jA20F00" 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>
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dark:text-white">C
        </h5>
        <div class="grid mt-4 ">

```

```

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MS03k56" target="_blank"><button
                class="font-semibold">Start
                Learning!</button></a>
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        </div>
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encrypted-media; gyroscope; picture-in-picture; web-share"
                allowfullscreen=""></iframe>
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dark:text-white">CPP
            </h5>
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purple-900 text-center text-semibold"
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NQLE_Hn" 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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width="350" height="315"

```

```

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encrypted-media; gyroscope; picture-in-picture; web-share"
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cQKRIyR" target="_blank"><button
class="font-semibold">Start
Learning!</button></a>
</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
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<div class="grid mt-4 ">
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TA2I-Zi" target="_blank"><button
class="font-semibold">Start
Learning!</button></a>
</div>
</div>

```

```

        </div>
    </div>
    <div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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                    title="YouTube video player" frameborder="0"
                    allow="accelerometer; autoplay; clipboard-write;
encrypted-media; gyroscope; picture-in-picture; web-share"
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dark:text-white">JavaScript
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NBcOA03dWhos-wD" target="_blank"><button
                            class="font-semibold">Start
                            Learning!</button></a>
                </div>
            </div>
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    </div>
    <div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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9G3ub6iyJqgq6oC"
                    title="YouTube video player" frameborder="0"
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encrypted-media; gyroscope; picture-in-picture; web-share"
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                </h5>
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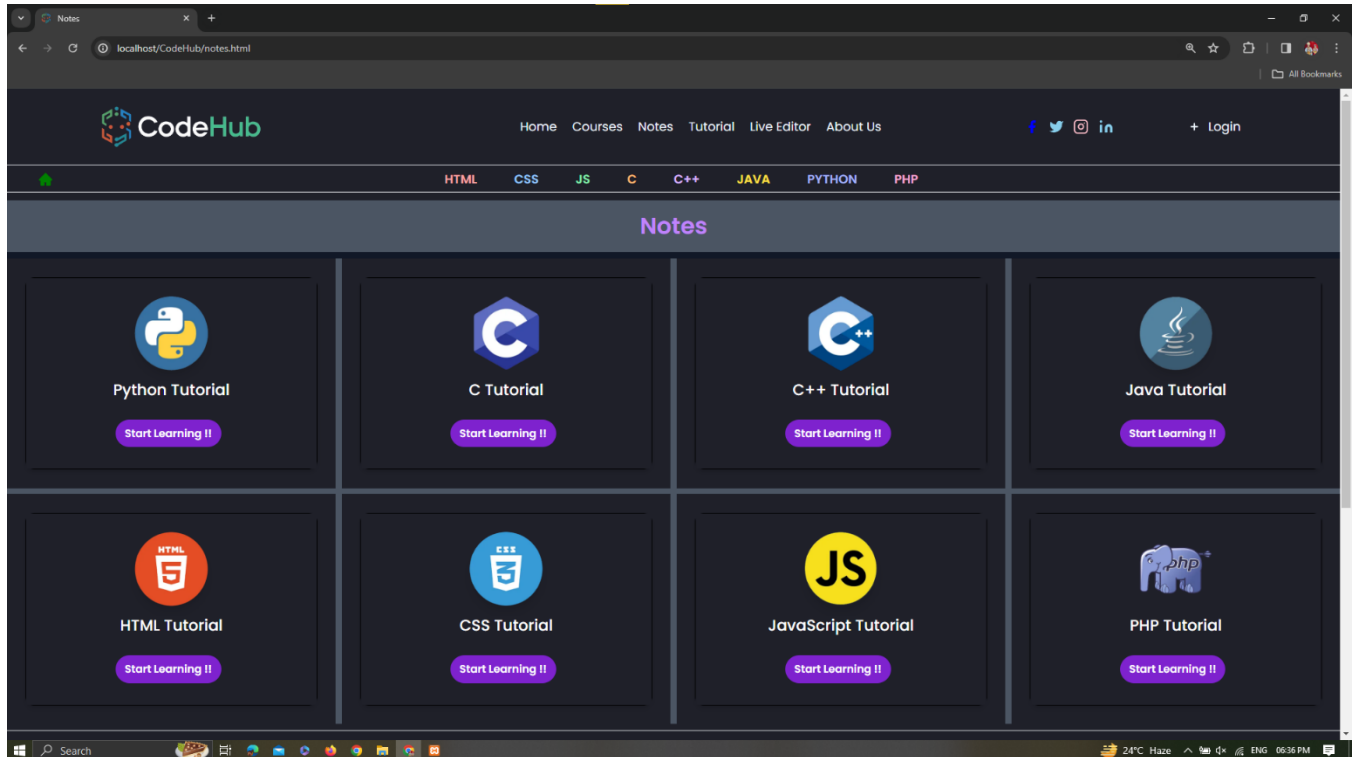
```

```

        <a class="inline-block text-white bg-purple-700
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Kx9Bdzr" target="_blank"><button
        class="font-semibold">Start
        Learning!</button></a>
    </div>
</div>
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<div class="p-6 flex justify-center">
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encrypted-media; gyroscope; picture-in-picture; web-share"
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dark:text-white">JAVA
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purple-900 text-center text-semibold"
                href="https://youtu.be/rV_3Lewxx6o?si=HQPV5g874
tsu5rKy" target="_blank"><button
                class="font-semibold">Start
                Learning!</button></a>
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</div>
</div>
</div>

```

5. Notes:-



Source Code:-

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      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">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
          <div class="flex flex-col items-center p-6 ">
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purple-900 text-center"
            href="notes/Python_Complete_Notes.pdf"
target="_blank"><button
              class="font-semibold">Start Learning
            !!</button></a>
          </div>
```

```

        </div>
    </div>
</div>
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purple-900 text-center text-semibold"
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target="_blank"><button class="font-semibold">Start
                    Learning !!</button></a>
            </div>
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    </div>
</div>
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
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target="_blank"><button class="font-semibold">Start
                    Learning !!</button></a>
            </div>
        </div>
    </div>
</div>
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">

```



```

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purple-900 text-center text-semibold"
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target="_blank"><button class="font-semibold">Start
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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">HTML Tutorial</h5>
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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-
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        <div class="flex flex-col items-center p-6 ">
        <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">CSS Tutorial</h5>
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```

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purple-900 text-center text-semibold"
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target="_blank"><button class="font-semibold">Start
                Learning !!</button></a>
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</div>
<div class="p-6 flex justify-center">
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gray-200 shadow-md dark:bg-slate-800 dark:border-black">
        <div class="flex flex-col items-center p-6 ">
        <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">JavaScript 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/JS_Chapterwise_Notes.pdf"
target="_blank"><button
                class="font-semibold">Start Learning
                !!</button></a>
        </div>
    </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 ">
        <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">PHP 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/PHP_Objects.pdf"
target="_blank"><button class="font-semibold">Start

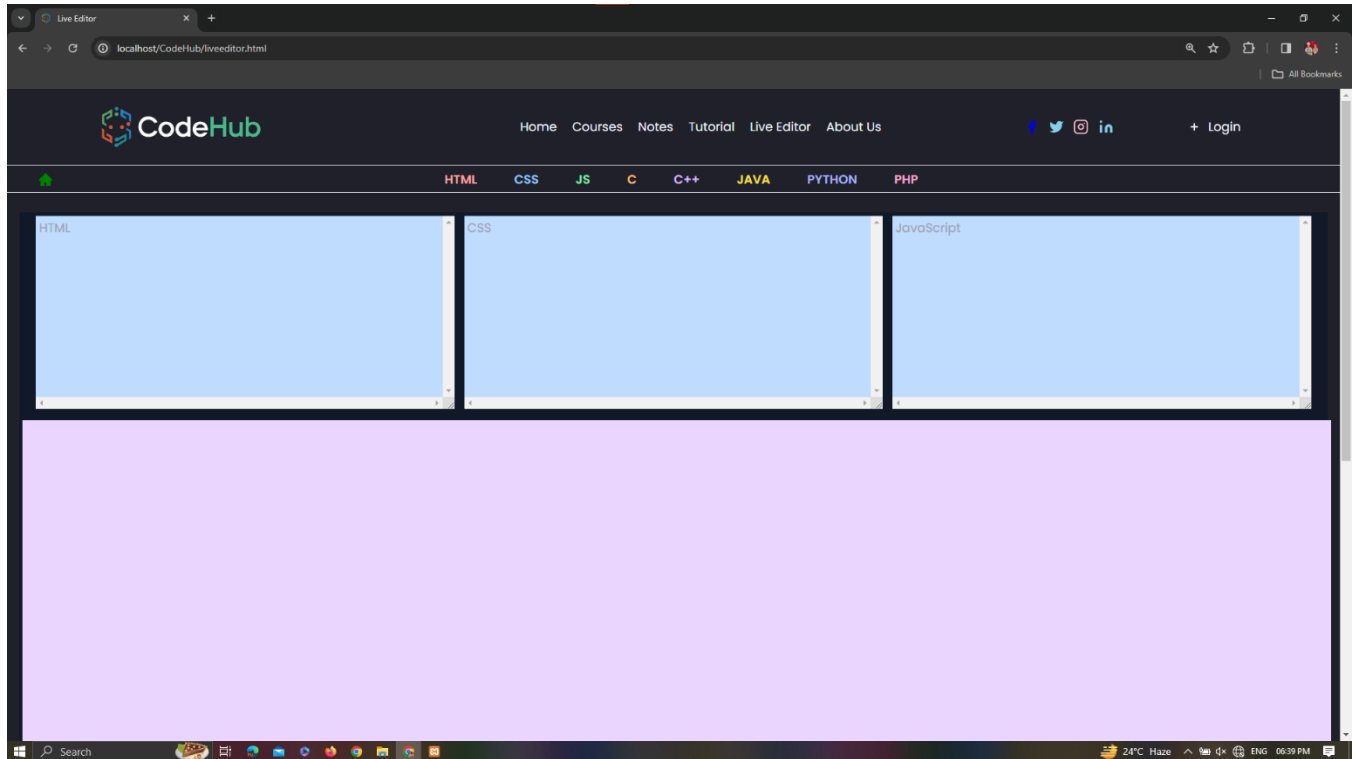
```

```

Learning !!</button></a>
    </div>
  </div>
</div>
</div>
</div>
</div>

```

6. Live Code Editor:-



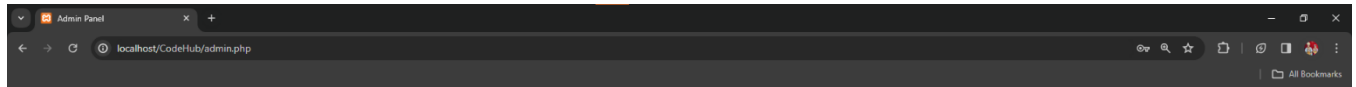
Source Code:-

```

<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> -->
</div>

```

7. User DashBoard / Admin Panel :-



Welcome to Admin Panel

Manage Users

Email
admin@gmail.com
testuser@gmail.com

Add User

Email: Password:

Remove User

Email to Remove:

Change Admin Password

Old Password: New Password: Confirm Password:



Welcome to User Dashboard

Change Password

Old Password: New Password: Confirm Password:



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

```

```

        $hashed_new_password = password_hash($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($new_password==$confirm_password)
            {

                $stmt2 = $conn->prepare("UPDATE users SET password = ? WHERE
email = ?");
                $stmt2->bind_param("ss", $hashed_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;
        }
    </style>

```

```

        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>";
            }
        </?php>
    </table>

```

```

        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>

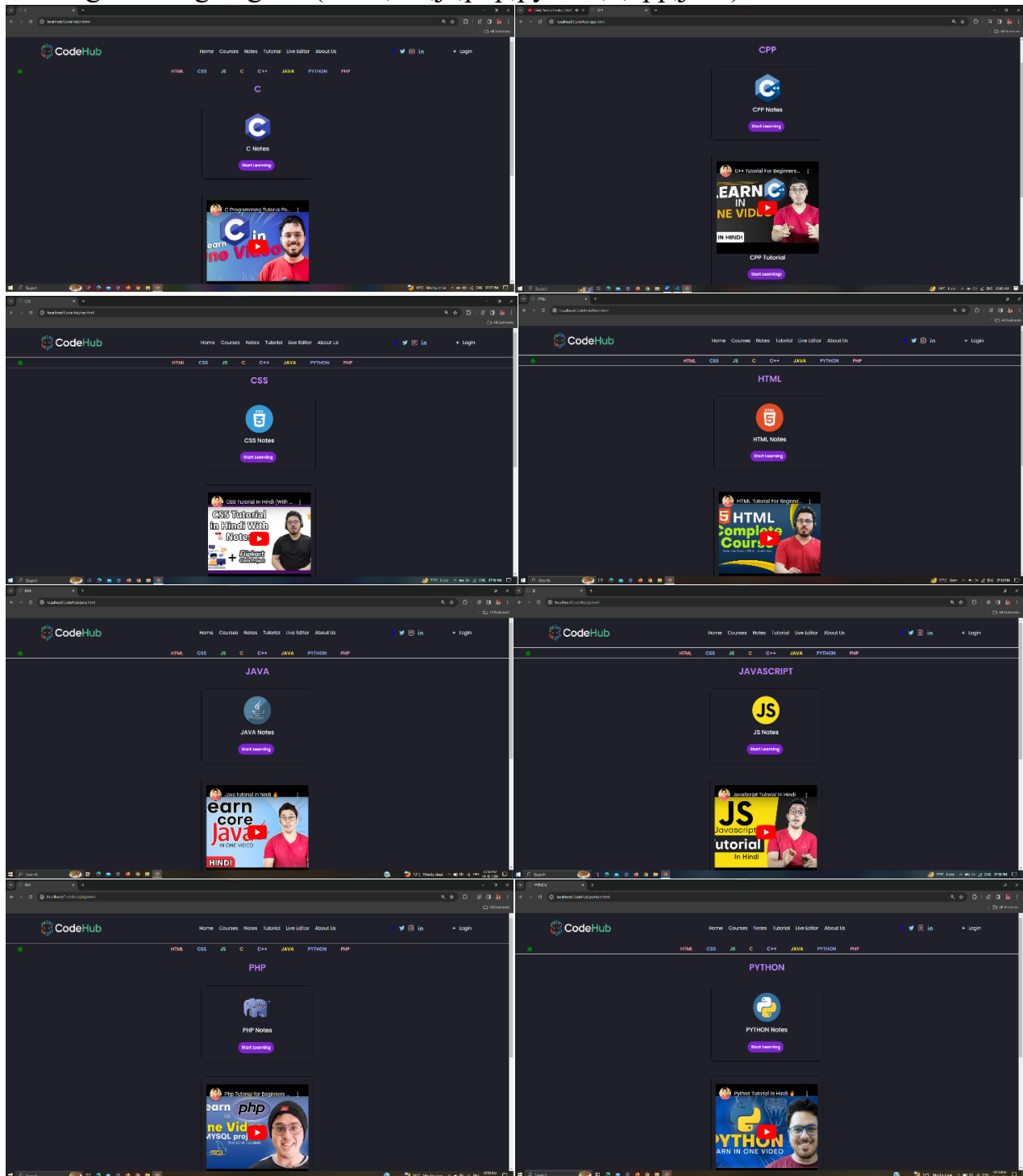
<?php

```

```
$conn->close();
```

```
?>
```

8. 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 ">
          <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>
  <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/YXcgD8hRHY?si=fSV0zCkadMS03k56"
          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/YXcgD8hRHY?si=fSV0zCkadM
S03k56" target="_blank"><button
                                class="font-semibold">Start
                                Learning!</button></a>
        </div>
    </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 ">
                <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>
<h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">CPP 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/yGB9jhsEsr8?si=W3_uVF415N
QLE_Hn" target="_blank"><button
class="font-semibold">Start
Learning!</button></a>
</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 ">
        <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>

```



```

    </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/BsDoLVMnmZs?si=AfyE3jw9jcQKRIyR"
                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">HTML 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/BsDoLVMnmZs?si=AfyE3jw9jc
QKRIyR" target="_blank"><button
                            class="font-semibold">Start
                            Learning!</button></a>
                </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 ">
                <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>
            <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=HQPv5g874t
su5rKy" 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 ">JAVASCRIPT
    </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 ">
                <h5 class="mb-1 text-xl font-medium text-gray-900
dark:text-white">JS 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/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
            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/hKB-YGF14SY?si=-NBcOA03dWhos-wD"
                    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">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=-
NBcOA03dWhos-wD" target="_blank"><button
                            class="font-semibold">Start
                                Learning!</button></a>
                    </div>
                </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 ">
        <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>
<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/1SnPKhCdIsU?si=l0UpkCAFOkx9BdZr"
        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>
      <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=l0UpkCAFOK
x9Bdzr" target="_blank"><button
        class="font-semibold">Start
        Learning!</button></a>
    </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">
                <div class="flex flex-col items-center p-6 ">
                <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>
<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/ihk_Xglr164?si=BfjfUYLBcjA20F00"
        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=BfjfUYLBcj
A20F00" target="_blank"><button
                    class="font-semibold">Start
                    Learning!</button></a>
            </div>
        </div>
    </div>
</div>
</div>
</div>

```

9. Login / Sign Up page:-

The image displays two screenshots of the CodeHub web application's login and sign-up pages. Both pages have a dark theme and a navigation bar at the top with links to Home, Courses, Notes, Tutorial, Live Editor, and About Us. The navigation bar also includes social media icons for Facebook, Twitter, Instagram, and LinkedIn, and a 'Login' button. Below the navigation bar, there are tabs for various programming languages: HTML, CSS, JS, C, C++, JAVA, PYTHON, and PHP. The top screenshot shows the 'LOG IN' form, which includes a toggle switch set to 'LOG IN', a 'Log In' label, an email input field with the placeholder '@ admin@gmail.com', a password input field with a lock icon and a masked password '.....', and a 'SUBMIT' button. The bottom screenshot shows the 'SIGN UP' form, which includes a toggle switch set to 'SIGN UP', a 'Sign Up' label, an email input field with the placeholder '@ testuser@gmail.com', a password input field with a lock icon and a masked password '.....', and a 'SUBMIT' button.

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>

```

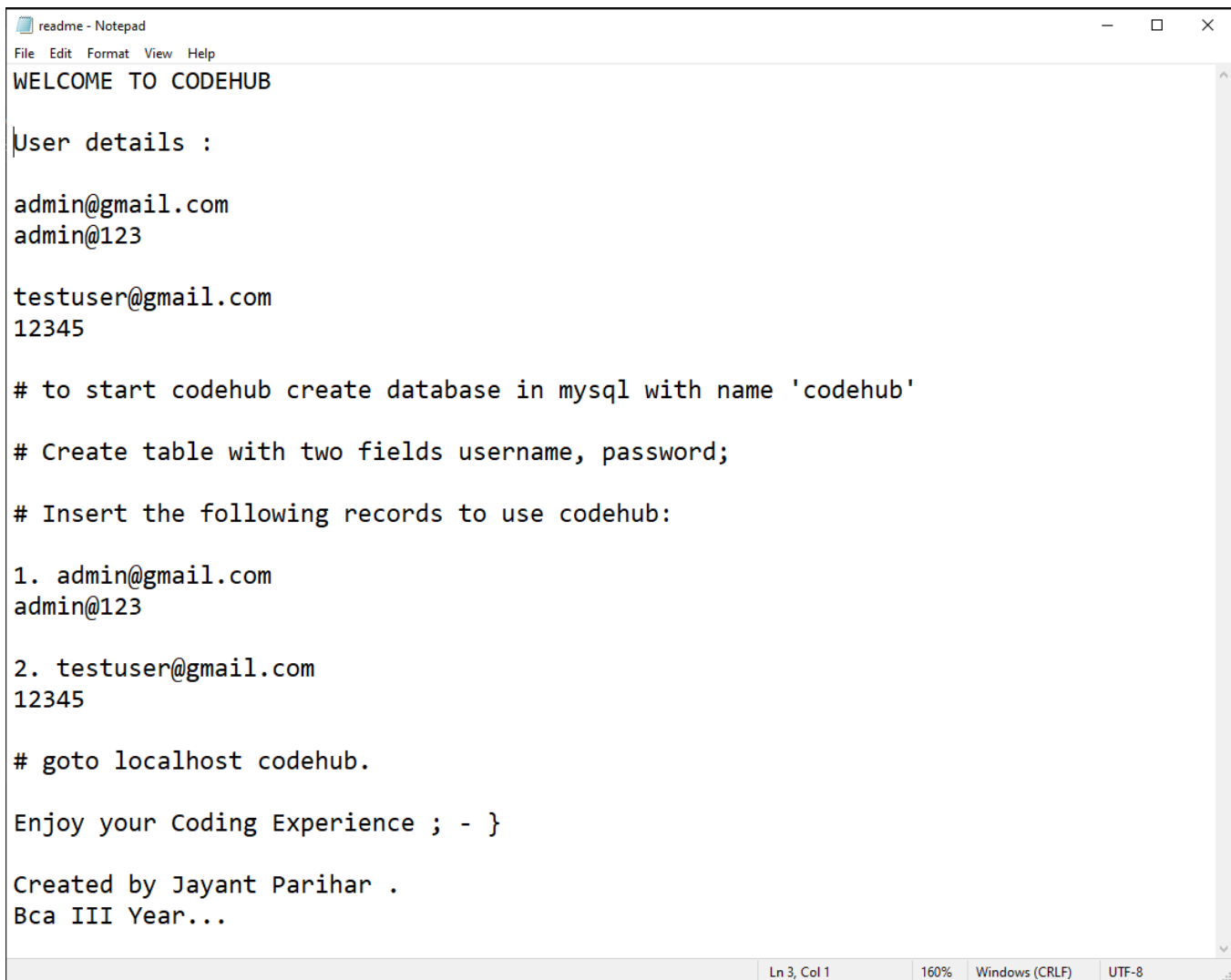
```

<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>
        </form>
      </div>
    </div>
  </div>
</div>

```

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

10. All Files Overview / Database / Readme :-



```
readme - Notepad
File Edit Format View Help
WELCOME TO CODEHUB

User details :

admin@gmail.com
admin@123

testuser@gmail.com
12345

# to start codehub create database in mysql with name 'codehub'

# Create table with two fields username, password;

# Insert the following records to use codehub:

1. admin@gmail.com
admin@123

2. testuser@gmail.com
12345

# goto localhost codehub.

Enjoy your Coding Experience ; - }

Created by Jayant Parihar .
Bca III Year...
```

Ln 3, Col 1 160% Windows (CRLF) UTF-8

localhost/127.0.0.1/codehub

localhost/phpmyadmin/index.php?route=/sql&pos=0&db=codehub&table=users

phpMyAdmin

Recent Favorites

- New
- codehub
- New
- users
- course_db
- curd
- elms
- information_schema
- jacky
- jss
- mydb
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 Database: codehub Table: users

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 1 (2 total, Query took 0.0004 seconds)

```
SELECT * FROM `users`
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Extra options

	email	password
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	admin@gmail.com	\$2y\$10\$9beVishBINfgf05SsEnl/4PcrbHMtysjB6WjuNPHr...
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	testuser@gmail.com	\$2y\$10\$HbPDEjGHcMvbBQ5hrq_fuq2XGbXq1Jh7MaAX26lwFZ...

☐ Check all | With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

[Print](#) [Copy to clipboard](#) [Export](#) [Display chart](#) [Create view](#)

Console

CodeHub

File Home Share View

Navigation pane: Preview pane, Details pane

Panes: Extra large icons, Large icons, Small icons, Tiles

Layout: List, Content

Current view: Group by, Add columns, Size all columns to fit

Show/hide: Item check boxes, File name extensions, Hidden items, Options

Navigation: < > > This PC > Jacky (E) > Program > My Projects > CodeHub >

Name	Date modified	Type	Size
.vscode	04-12-2023 06:38 PM	File folder	
admin	04-12-2023 03:42 AM	File folder	
css	18-12-2023 02:58 AM	File folder	
images	04-12-2023 06:38 PM	File folder	
js	04-12-2023 06:38 PM	File folder	
notes	04-12-2023 06:38 PM	File folder	
about	18-12-2023 02:30 AM	Chrome HTML Do...	21 KB
admin	18-12-2023 02:50 AM	PHP File	6 KB
c	18-12-2023 02:43 AM	Chrome HTML Do...	19 KB
connection	04-12-2023 01:57 AM	PHP File	1 KB
courses	02-12-2023 03:11 PM	Chrome HTML Do...	28 KB
cpp	18-12-2023 02:43 AM	Chrome HTML Do...	19 KB
css	18-12-2023 02:46 AM	Chrome HTML Do...	19 KB
dashboard	08-12-2023 01:18 AM	PHP File	4 KB
html	02-12-2023 03:12 PM	Chrome HTML Do...	19 KB
index	03-12-2023 01:33 PM	Chrome HTML Do...	42 KB
java	18-12-2023 02:42 AM	Chrome HTML Do...	20 KB
js	18-12-2023 02:44 AM	Chrome HTML Do...	20 KB
liveeditor	07-12-2023 11:58 PM	Chrome HTML Do...	17 KB
login	18-12-2023 02:53 AM	Chrome HTML Do...	20 KB
logout	08-12-2023 01:19 AM	PHP File	1 KB
notes	18-12-2023 02:33 AM	Chrome HTML Do...	25 KB
php	18-12-2023 02:41 AM	Chrome HTML Do...	19 KB
python	18-12-2023 02:42 AM	Chrome HTML Do...	20 KB
readme	06-02-2024 06:05 PM	Text Document	1 KB
tutorial	03-12-2023 11:59 AM	Chrome HTML Do...	28 KB
validate	08-12-2023 01:21 AM	PHP File	3 KB

VII. 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.

VIII. Website Code OR.

