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Title: Online Learning Management System

As a Project Work for Course

INTERNET PROGRAMMING LABORATORY (CSE 326)

By

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Introduction

An Online Learning Management System (LMS) website is a centralized educational platform providing secure access, content management, and communication tools. With personalized dashboards, collaboration features, and mobile compatibility, it optimizes the learning experience,Upholding security, compliance, and user support, the LMS is adaptable for diverse educational and training environments, proving invaluable in fostering effective online learning and skill development.

It acts as a virtual classroom, where students can access courses, watch lectures, complete assignments, and interact with instructors. The platform helps organize and streamline the learning process, offering a central specialized. It's a convenient way for beginners to engage in flexible, accessible, and structured learning experiences, all within a user-friendly online environment.

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Technologies Used

The project is implemented using HTML, CSS, and JavaScript. The core functionality is built upon JavaScript.

HTML:

HTML is used to create the overlay or structure of the webpage later used attributes from different tags to trigger JavaScript functions to load all the details to the webpage.

CSS:

CSS is not only used for styling of the page but also improved the webpage with responsive design which in other words makes the webpage compatible with many devices not only desktop.

JavaScript:

This whole webpage is mostly functions by JavaScript which reduces the lines of code in the HTML file.

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Modules

1.Login Tab

- **Functionality:**
  - Enables new users to create accounts on the platform.
- **Implementation:**
  - Utilize a secure registration form with fields for essential information (e.g., name, email, password).
  - Implement email verification for account validation and security.
- **User Interface:**
  - Place the Signup button prominently on the homepage or login page.
  - Include user-friendly instructions and tooltips for a smooth registration process.

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2.Courses Tab

- Functionality:
    1. Displays a catalog of available courses for users to explore.
- Implementation:
    2. Categorize courses based on subjects, levels, or other relevant criteria.
- Each course listing should provide details such as title, instructor, and a brief description.

- User Interface:
    3. Feature the Courses tab prominently in the main navigation menu.
- Use clear and appealing visuals, such as course thumbnails.

  Include a "Start Now" button for each course

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3.About us tab:

Team Introduction:

- Provide a brief introduction to your development team.
- Mention the team's collective expertise and passion for creating the learning platform.

Team Members:

- List each team member along with their respective roles.
- Include names, titles, and a brief bio highlighting their skills and contributions.

Achievements:

- Highlight any significant achievements or milestones reached during the development process.
- Showcase the team's ability to overcome challenges and deliver a successful product.

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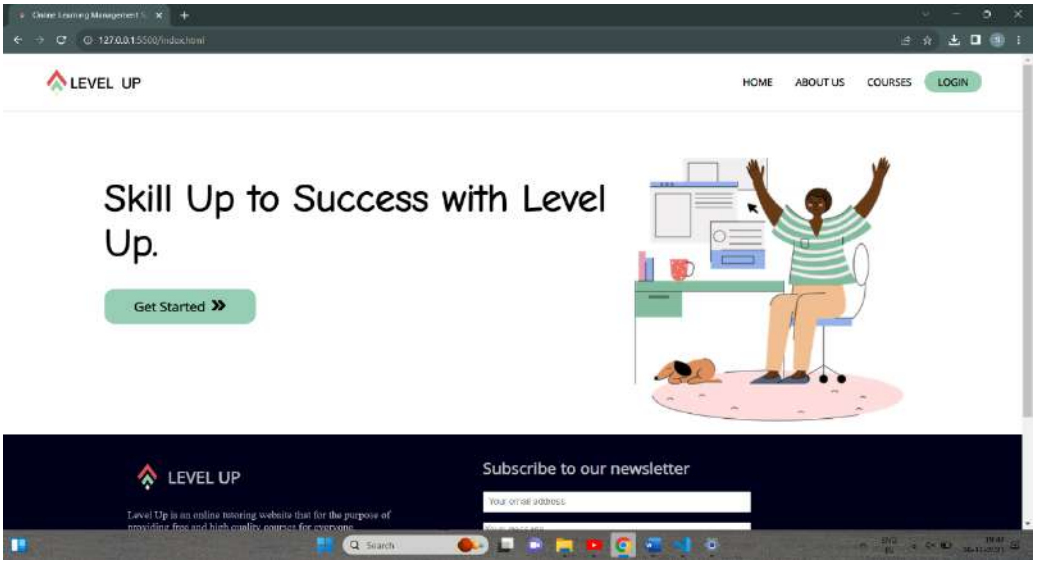
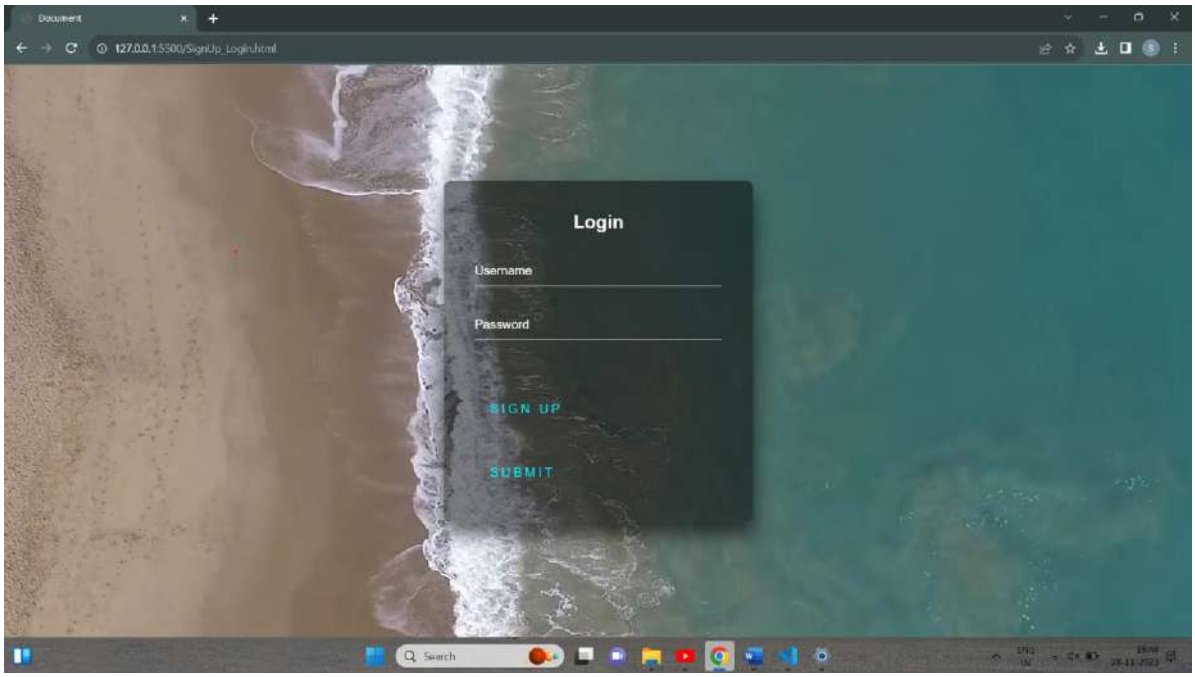
Website Snapshot:

Home Snapshot:



Login Snapshot:



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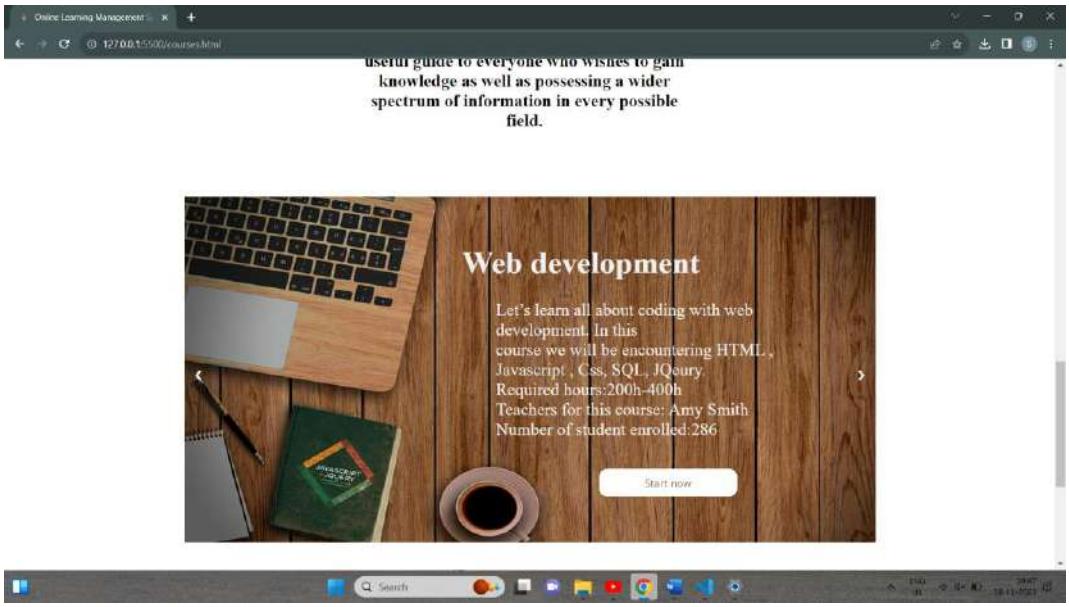
Courses Snapshot:



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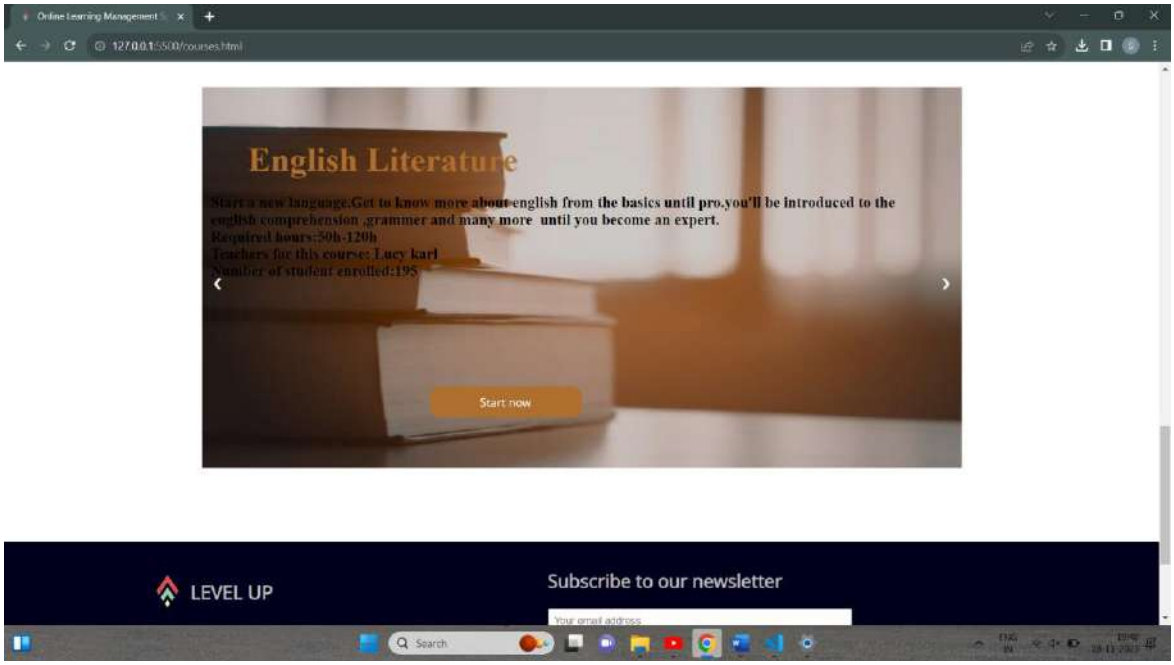
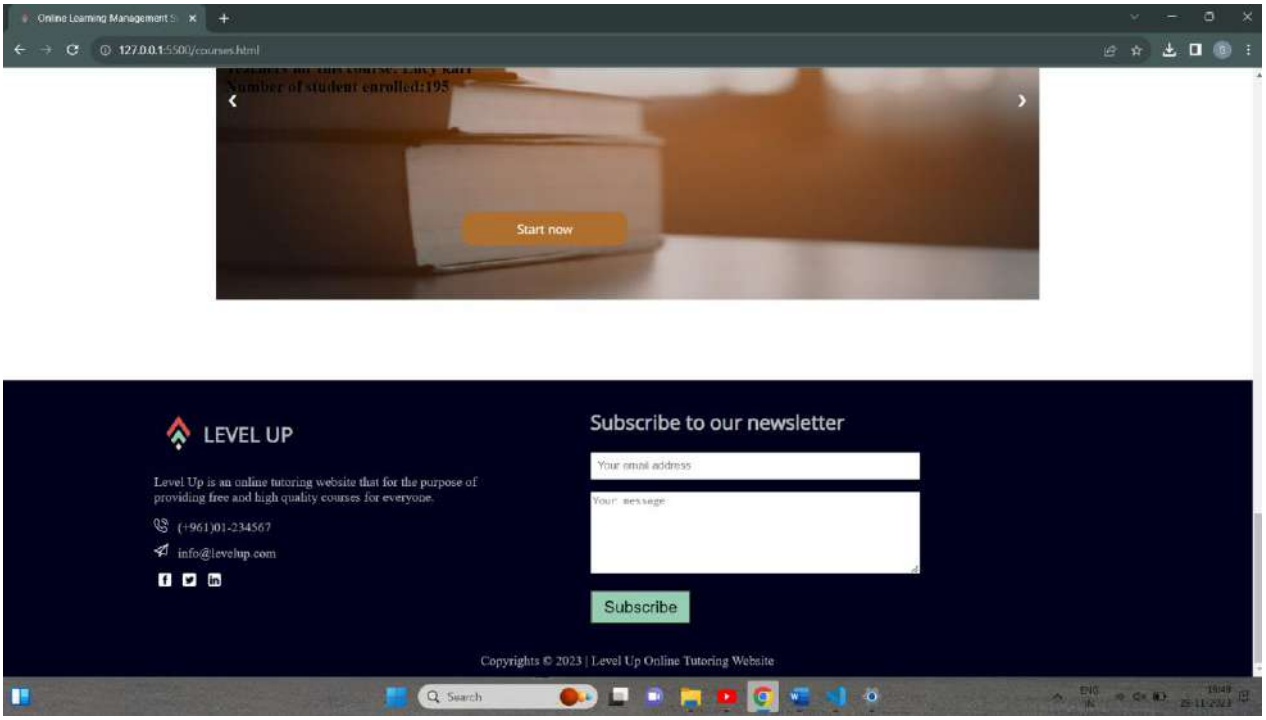

English Literature
Start a new language:Get to know more about english from the basics until pro.you'll be introduced to the english comprehension ,grammer and many more until you become an expert.
Required hours:50h-120h
Teachers for this course: Lucy karl
Number of student enrolled:195
Start now
LEVEL UP
Subscribe to our newsletter
Your email address


Number of student enrolled:195
Start now
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info@levelup.com
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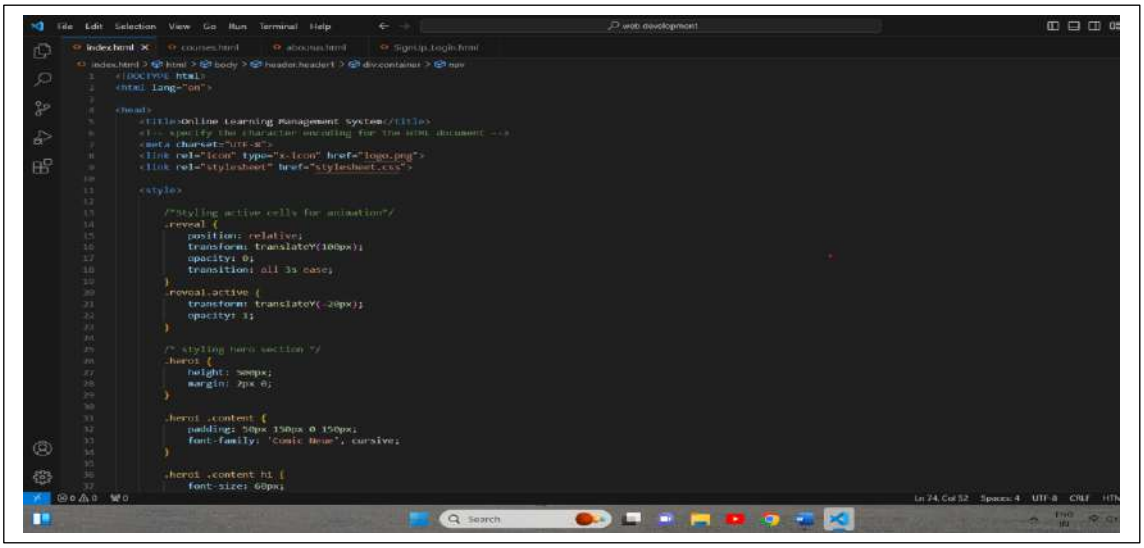
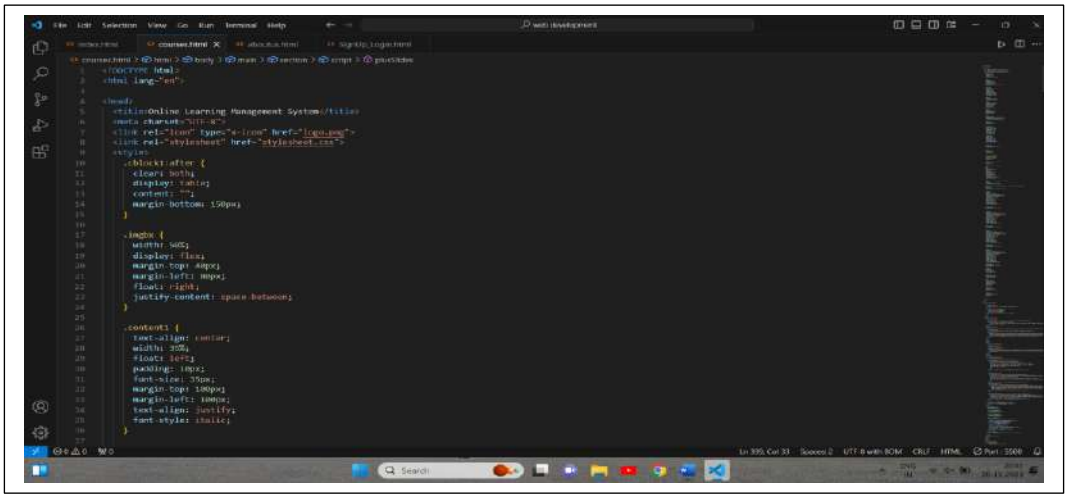
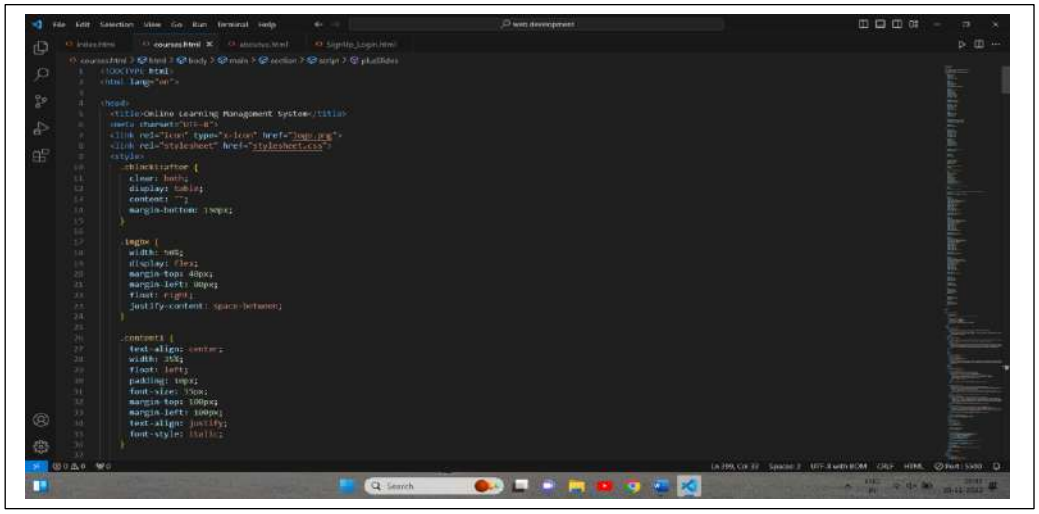
Code Snapshot:







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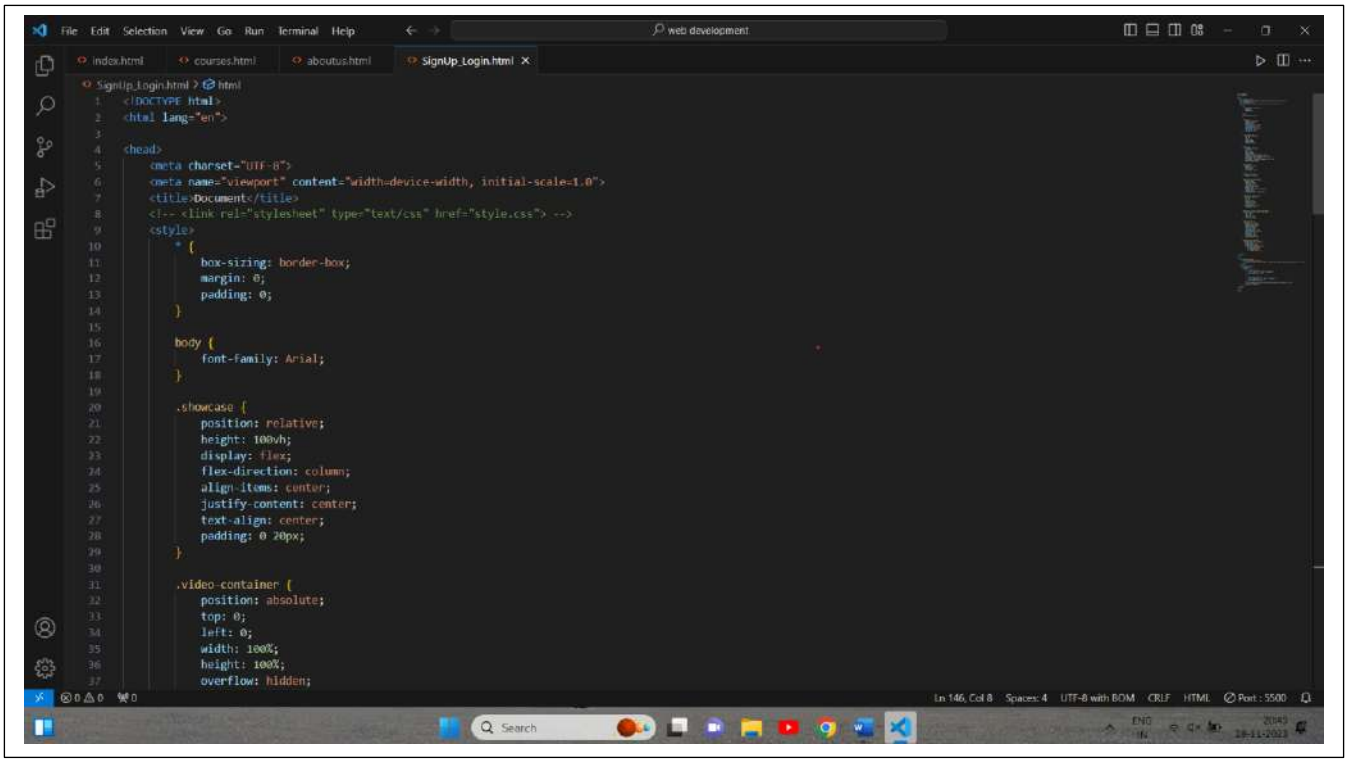
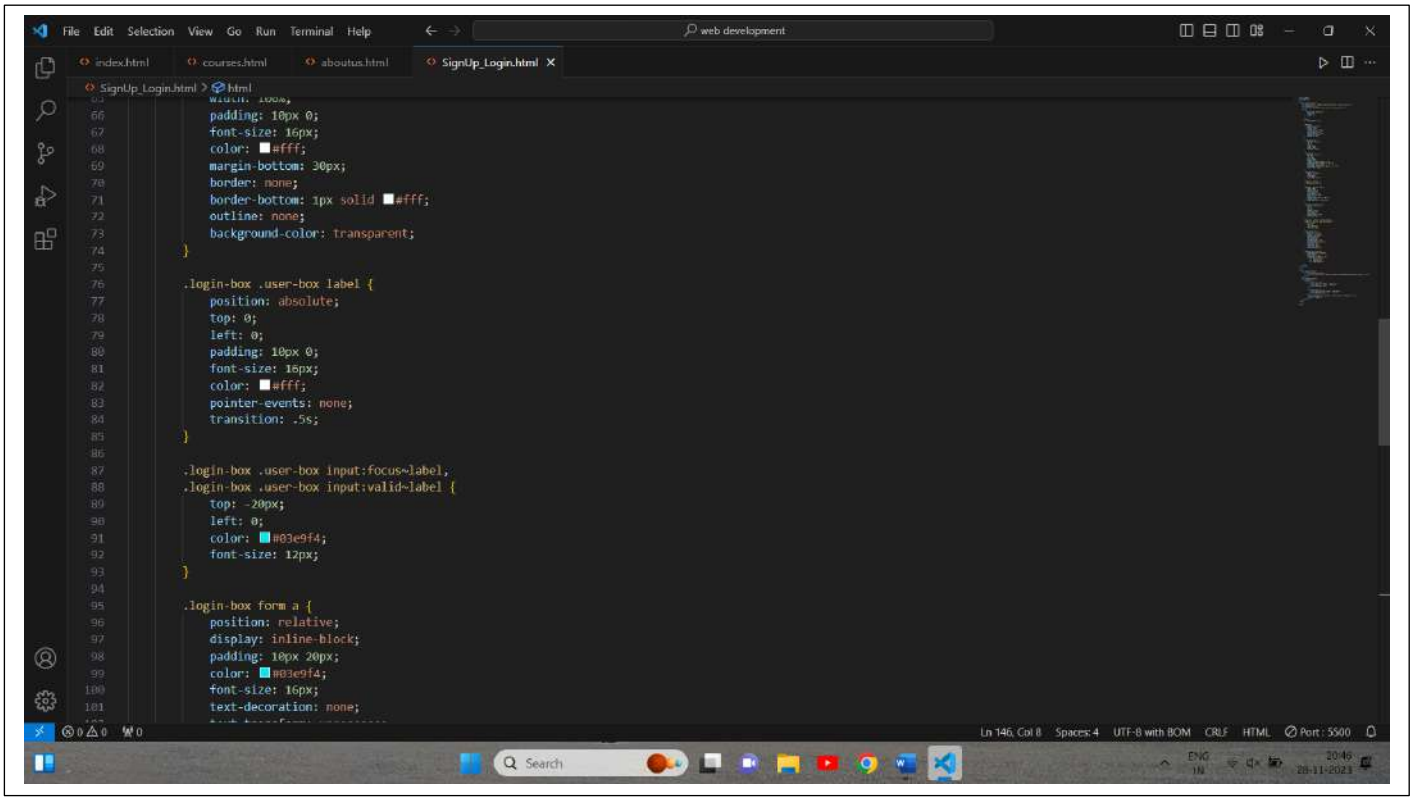

File Edit Selection View Go Run Terminal Help
web development
index.html
courses.html
aboutus.html
SignUp_Login.html
SignUp_Login.html > html
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
<!-- <link rel="stylesheet" type="text/css" href="style.css"> -->
<style>
* {
box-sizing: border-box;
margin: 0;
padding: 0;
}
body {
font-family: Arial;
}
.showcase {
position: relative;
height: 100vh;
display: flex;
flex-direction: column;
align-items: center;
justify-content: center;
text-align: center;
padding: 0 20px;
}
.video-container {
position: absolute;
top: 0;
left: 0;
width: 100%;
height: 100%;
overflow: hidden;
Ln 146, Col 8 Spaces: 4 UTF-8 with BOM CRLF HTML Port : 5500
Search


File Edit Selection View Go Run Terminal Help
web development
index.html
courses.html
aboutus.html
SignUp_Login.html
SignUp_Login.html > html
padding: 10px 0;
font-size: 16px;
color: #fff;
margin-bottom: 30px;
border: none;
border-bottom: 1px solid #fff;
outline: none;
background-color: transparent;
}
.login-box .user-box label {
position: absolute;
top: 0;
left: 0;
padding: 10px 0;
font-size: 16px;
color: #fff;
pointer-events: none;
transition: .5s;
}
.login-box .user-box input:focus~label,
.login-box .user-box input:valid~label {
top: -20px;
left: 0;
color: #03e9f4;
font-size: 12px;
}
.login-box form a {
position: relative;
display: inline-block;
padding: 10px 20px;
color: #03e9f4;
font-size: 16px;
text-decoration: none;
Ln 146, Col 8 Spaces: 4 UTF-8 with BOM CRLF HTML Port : 5500
Search

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Conclusion:

In conclusion, the development and implementation of an Online Learning Management website present a transformative solution in the realm of education. This platform serves as a dynamic bridge between educators and learners, fostering a conducive environment for effective and flexible learning experiences.
The key advantages of such a system include accessibility, as learners can engage with educational content from anywhere with an internet connection. This not only democratizes education but also accommodates diverse learning styles and schedules. The ability to access resources at one's own pace promotes a self-directed learning approach, allowing individuals to grasp concepts thoroughly before moving on to the next topic.
Additionally, the Online Learning Management website facilitates collaborative learning through various tools such as discussion forums, virtual classrooms, and group projects. This not only enhances the learning experience but also prepares individuals for the collaborative nature of many professional environments.

References:

- **https://github.com/**
- **Youtube.com**
- **w3schools.com**
- **OpenAl**