

Study Everywhere: Explore Online Course Platform

A PROJECT REPORT

Submitted by

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in partial fulfillment for the award of the degree

of

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IN

COMPUTER SCIENCE



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BONAFIDE CERTIFICATE

Certified that this project report “ **Study Everywhere: Explore Online Course Platform**” is the bonafide work of “ **Sumit Priyadarshi**” who carried out the project work under my supervision.

SIGNATURE

SUPERVISOR

(Dr. Jaibir Singh sir)

Abstract:

This webpage “ **Study From Everywhere: Explore Online Course Platform**” focuses on developing an Online Course Platform designed to provide users with access to diverse learning materials across various disciplines. The platform enables learners to enroll in courses, access video lectures, reading materials, quizzes, and assignments. It incorporates features such as user authentication, progress tracking, and certification upon course completion. Instructors can create, manage, and upload course content, while students can interact through discussion forums and peer reviews. The platform aims to foster a collaborative learning environment, accessible from any device, offering flexible learning opportunities. By integrating modern technologies such as responsive design, cloud storage, and data analytics, the platform ensures an intuitive and personalized user experience, promoting lifelong learning for individuals worldwide.

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CHAPTER - 1

Introduction To

"Study Everywhere: Explore Online Course Platform"

Welcome to Study Everywhere – Your Gateway to Lifelong Learning!

In today's fast-paced world, staying ahead requires continuous learning and skill development. Study Everywhere is an innovative online course platform designed to make learning accessible to everyone, anywhere, anytime. Whether you're a student looking to supplement your studies, a professional aiming to upskill, or simply a curious learner, our platform offers a wide range of courses across various fields such as technology, business, arts, and more.

At **Study Everywhere** we believe in empowering learners by providing high-quality content curated by expert instructors. With features like video tutorials, interactive quizzes, peer discussions, and progress tracking, we offer an engaging and effective learning experience. Our platform is built to be flexible, allowing you to learn at your own pace and from any device. Plus, you'll receive certifications upon completing courses, helping you showcase your achievements to the world.

Join **Study Everywhere** today and take the first step towards unlocking your full potential in the ever-evolving world of knowledge.

CHAPTER - 2

Project Overview: Online Course Platform

The **Online Course Platform** is a comprehensive web-based solution designed to provide a flexible, user-friendly, and scalable learning environment for students and instructors. This platform aims to bridge the gap between learners and educators by offering a vast array of courses, ranging from beginner to advanced levels, across multiple domains such as technology, business, arts, and more.

Key Features:

- 1. User Authentication & Profiles:** Secure login system for both students and instructors, with personalized user dashboards to manage courses, track progress, and access learning materials.
- 2. Course Creation & Management:** Instructors can create and manage courses, including uploading video lectures, reading materials, quizzes, and assignments. They can also interact

with students via announcements and discussion boards.

3. **Interactive Learning:** Students can engage in courses with video lessons, downloadable materials, quizzes, and assignments. They can track their progress and communicate with instructors and peers through discussion forums.
4. **Progress Tracking & Certification:** Users can monitor their learning journey through progress indicators and receive certificates upon successful course completion, providing recognition for their newly acquired skills.
5. **Mobile & Responsive Design:** The platform is fully optimized for mobile devices, enabling users to access content from smartphones, tablets, and desktops, ensuring learning on the go.
6. **Search & Filtering:** Advanced search and filtering capabilities allow students to easily discover courses based on topics, difficulty levels, or instructors.
7. **Payment Integration:** A secure payment gateway for paid courses, allowing students to

enroll in premium content and providing monetization opportunities for instructors.

8. Analytics & Insights: Instructors can access analytics on course engagement, student progress, and feedback to continuously improve course content and delivery.

Project Goals:

The goal of this project is to create a seamless and intuitive platform that caters to both the learner's needs for quality education and the instructor's ability to share their expertise with a wide audience. By integrating modern technologies and best practices in UI/UX design, the platform will provide a highly engaging and scalable solution to accommodate users worldwide.

CHAPTER - 3

Screen Shots OFF Web Page

The "Study Everywhere: Explore Online course platform" webpage boasts a clean, modern interface designed with HTML for structure and CSS for style. Its primary objective is to deliver an intuitive and visually appealing experience for users exploring many free courses.

Web Interface Fig -1

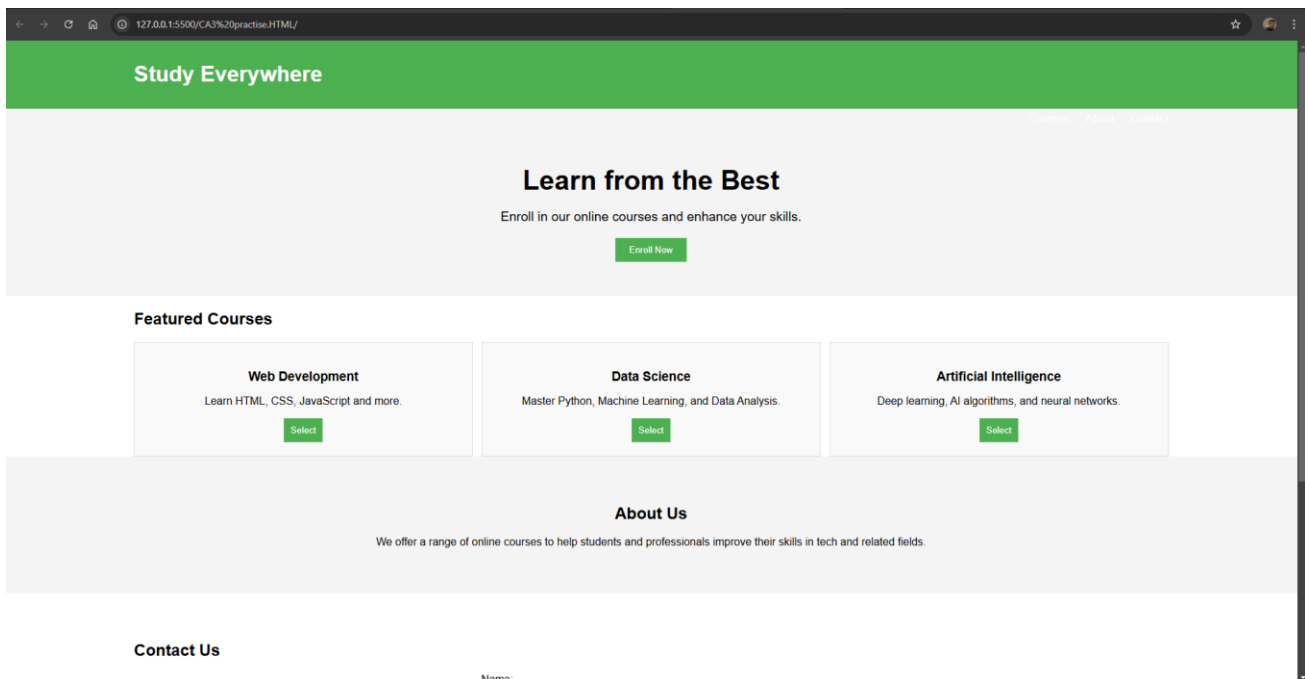
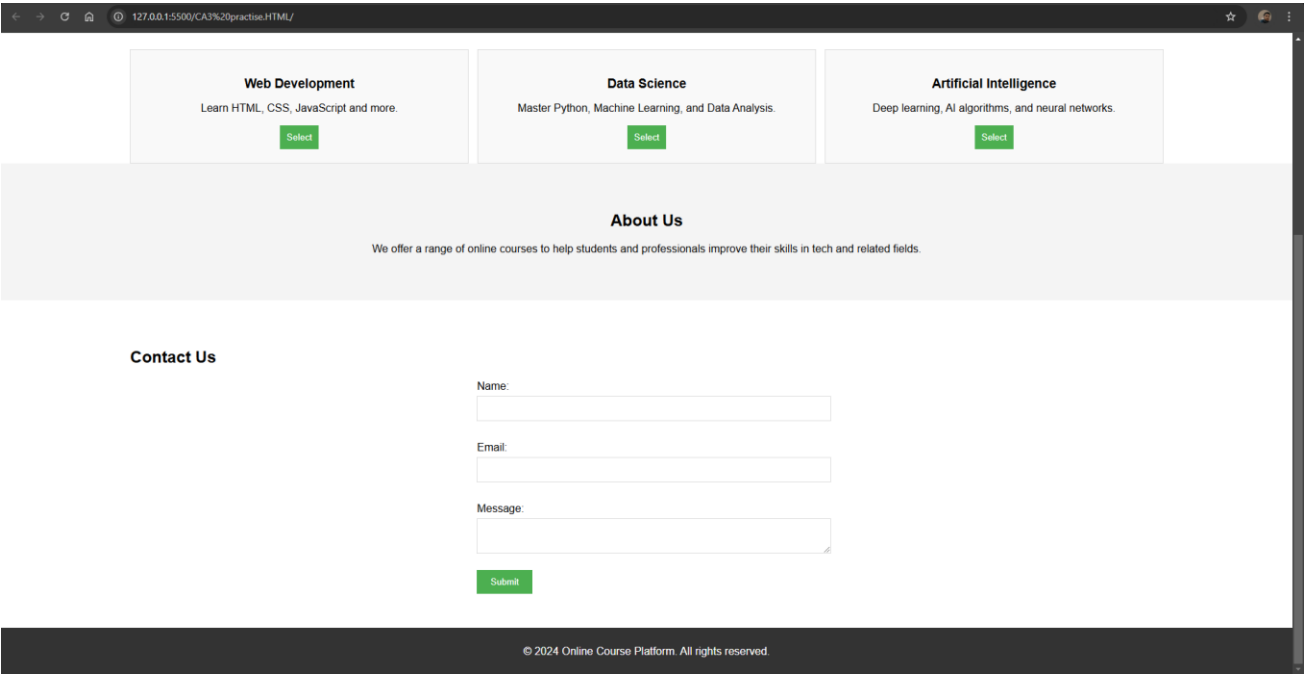


Fig - 2



CHAPTER – 4

HTML CODE

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-
scale=1.0">
  <title>Study Everywhere</title>
  <link rel="stylesheet" href="styles.css">
</head>
<body>
  <header>
    <div class="container">
      <h1>Study Everywhere</h1>
      <nav>
        <ul>
          <li><a href="#courses">Courses</a></li>
          <li><a href="#about">About</a></li>
          <li><a href="#contact">Contact</a></li>
        </ul>
      </nav>
    </div>
  </header>

  <section id="hero">
    <div class="container">
      <h2>Learn from the Best</h2>
      <p>Enroll in our online courses and enhance your skills.</p>
      <button onclick="enrollNow()">Enroll Now</button>
    </div>
```

</section>

<section id="courses">

<div class="container">

<h2>Featured Courses</h2>

<div class="course-list">

<div class="course">

<h3>Web Development</h3>

<p>Learn HTML, CSS, JavaScript and more.</p>

<button onclick="alert('Web Development Course
Selected!')">Select</button>

</div>

<div class="course">

<h3>Data Science</h3>

<p>Master Python, Machine Learning, and Data Analysis.</p>

<button onclick="alert('Data Science Course
Selected!')">Select</button>

</div>

<div class="course">

<h3>Artificial Intelligence</h3>

<p>Deep learning, AI algorithms, and neural networks.</p>

<button onclick="alert('AI Course Selected!')">Select</button>

</div>

</div>

</div>

</section>

<section id="about">

<div class="container">

<h2>About Us</h2>

<p>We offer a range of online courses to help students and
professionals improve their skills in tech and related fields.</p>

```
</div>
</section>
```

```
<section id="contact">
  <div class="container">
    <h2>Contact Us</h2>
    <form id="contact-form" onsubmit="submitForm(event)">
      <label for="name">Name:</label>
      <input type="text" id="name" name="name" required>

      <label for="email">Email:</label>
      <input type="email" id="email" name="email" required>

      <label for="message">Message:</label>
      <textarea id="message" name="message" required></textarea>

      <button type="submit">Submit</button>
    </form>
  </div>
</section>
```

```
<footer>
  <div class="container">
    <p>&copy; 2024 Online Course Platform. All rights reserved.</p>
  </div>
</footer>
```

```
<script src="scripts.js"></script>
</body>
</html>
```

Fig 1:

The screenshot shows the VS Code editor interface. The Explorer sidebar on the left lists the project files: HTML, Activity 9, form.css, form.html, CA3.HTML, index.html (selected), scripts.js, styles.css, Activity10.HTML, Activity10.HTML, Practise.HTML, Sumit 12402145.HTML, Sumit Activity 3.HTML, Sumit.HTML, Sumit25.HTML, and week4Activity.HTML. The main editor area displays the content of 'index.html', which includes a header, a hero section, a featured courses section, and a contact form. The code is as follows:

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Study Everywhere</title>
7 <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10 <div class="container">
11 <h1>Study Everywhere</h1>
12 <nav>
13 <ul>
14 <li><a href="#courses">Courses</a></li>
15 <li><a href="#about">About</a></li>
16 <li><a href="#contact">Contact</a></li>
17 </ul>
18 </nav>
19 </div>
20 </div>
21 </div>
22
23 <section id="hero">
24 <div class="container">
25 <h2>Learn from the Best</h2>
26 <p>Enroll in our online courses and enhance your skills.</p>
27 <button onclick="enrollNow()">Enroll Now</button>
28 </div>
29 </section>
30
31 <section id="courses">
32 <div class="container">
33 <h2>Featured Courses</h2>
34 <div class="course-list">
35 <div class="course">
36 <h3>Web Development</h3>
37 <p>Learn HTML, CSS, JavaScript and more.</p>
38 <button onclick="alert('Web Development Course Selected!')">Select</button>
39 </div>
40 <div class="course">
41 <h3>Data Science</h3>
42 <p>Master Python, Machine Learning, and Data Analysis.</p>
43 <button onclick="alert('Data Science Course Selected!')">Select</button>
44 </div>
45 <div class="course">
46 <h3>Artificial Intelligence</h3>
47 <p>Deep learning, AI algorithms, and neural networks.</p>
48 <button onclick="alert('AI Course Selected!')">Select</button>
49 </div>
50 </div>
51 </div>
52 </section>
53
54 <section id="about">
55 <div class="container">
56 <h2>About Us</h2>
57 <p>We offer a range of online courses to help students and professionals improve their skills in tech and related fields.</p>
58 </div>
59 </section>
60
61 <section id="contact">
62 <div class="container">
63 <h2>Contact Us</h2>
64 <form id="contact-form" onsubmit="submitForm(event)">
65 <label for="name">Name:</label>
66 <input type="text" id="name" name="name" required>
67
68 <label for="email">Email:</label>
69 <input type="email" id="email" name="email" required>
70
71 <label for="message">Message:</label>
72 <textarea id="message" name="message" required></textarea>
73
74 <button type="submit">Submit</button>
75 </form>
76 </div>
77 </section>
78
79 <footer>
80 <div class="container">
81 <p>©copy; 2024 Online Course Platform. All rights reserved.</p>
82 </div>
83 </footer>
84
85 <script src="scripts.js"></script>
86 </body>
87 </html>

```

Fig 2:

The screenshot shows the VS Code editor interface. The Explorer sidebar on the left lists the project files: HTML, Activity 9, form.css, form.html, CA3.HTML, index.html (selected), scripts.js, styles.css, Activity10.HTML, Activity10.HTML, Practise.HTML, Sumit 12402145.HTML, Sumit Activity 3.HTML, Sumit.HTML, Sumit25.HTML, and week4Activity.HTML. The main editor area displays the content of 'index.html', which includes a header, a hero section, a featured courses section, and a contact form. The code is as follows:

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Study Everywhere</title>
7 <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10 <div class="container">
11 <h1>Study Everywhere</h1>
12 <nav>
13 <ul>
14 <li><a href="#courses">Courses</a></li>
15 <li><a href="#about">About</a></li>
16 <li><a href="#contact">Contact</a></li>
17 </ul>
18 </nav>
19 </div>
20 </div>
21 </div>
22
23 <section id="hero">
24 <div class="container">
25 <h2>Learn from the Best</h2>
26 <p>Enroll in our online courses and enhance your skills.</p>
27 <button onclick="enrollNow()">Enroll Now</button>
28 </div>
29 </section>
30
31 <section id="courses">
32 <div class="container">
33 <h2>Featured Courses</h2>
34 <div class="course-list">
35 <div class="course">
36 <h3>Web Development</h3>
37 <p>Learn HTML, CSS, JavaScript and more.</p>
38 <button onclick="alert('Web Development Course Selected!')">Select</button>
39 </div>
40 <div class="course">
41 <h3>Data Science</h3>
42 <p>Master Python, Machine Learning, and Data Analysis.</p>
43 <button onclick="alert('Data Science Course Selected!')">Select</button>
44 </div>
45 <div class="course">
46 <h3>Artificial Intelligence</h3>
47 <p>Deep learning, AI algorithms, and neural networks.</p>
48 <button onclick="alert('AI Course Selected!')">Select</button>
49 </div>
50 </div>
51 </div>
52 </section>
53
54 <section id="about">
55 <div class="container">
56 <h2>About Us</h2>
57 <p>We offer a range of online courses to help students and professionals improve their skills in tech and related fields.</p>
58 </div>
59 </section>
60
61 <section id="contact">
62 <div class="container">
63 <h2>Contact Us</h2>
64 <form id="contact-form" onsubmit="submitForm(event)">
65 <label for="name">Name:</label>
66 <input type="text" id="name" name="name" required>
67
68 <label for="email">Email:</label>
69 <input type="email" id="email" name="email" required>
70
71 <label for="message">Message:</label>
72 <textarea id="message" name="message" required></textarea>
73
74 <button type="submit">Submit</button>
75 </form>
76 </div>
77 </section>
78
79 <footer>
80 <div class="container">
81 <p>©copy; 2024 Online Course Platform. All rights reserved.</p>
82 </div>
83 </footer>
84
85 <script src="scripts.js"></script>
86 </body>
87 </html>

```

Chapter – 5

CSS Code

```
/* Global Styles */  
    body {  
font-family: Arial, sans-serif;  
    margin: 0;  
    padding: 0;  
box-sizing: border-box;  
    }  
  
.container {  
    width: 80%;  
margin: 0 auto;  
    }  
  
/* Header Styles */  
    header {
```

```
background-color: #4CAF50;
    color: white;
    padding: 10px 0;
}
```

```
header h1 {
display: inline-block;
}
```

```
header nav ul {
    list-style: none;
display: inline-block;
    float: right;
}
```

```
header nav ul li {
    display: inline;
margin-left: 20px;
}
```



```
header nav ul li a {  
    color: white;  
text-decoration: none;  
}
```

```
/* Hero Section */  
#hero {  
background-color: #f4f4f4;  
text-align: center;  
padding: 50px 0;  
}
```

```
#hero h2 {  
font-size: 2.5rem;  
margin-bottom: 20px;  
}
```

```
#hero p {
```

```
font-size: 1.2rem;  
margin-bottom: 20px;  
}
```

```
#hero button {  
background-color: #4CAF50;  
color: white;  
border: none;  
padding: 10px 20px;  
cursor: pointer;  
}
```

```
#hero button:hover {  
background-color: #45a049;  
}
```

```
/* Courses Section */  
#courses .course-list {  
display: flex;
```

```
justify-content: space-between;  
}
```

```
.course {  
background-color: #f9f9f9;  
padding: 20px;  
text-align: center;  
border: 1px solid #ddd;  
width: 30%;  
}
```

```
.course h3 {  
margin-bottom: 10px;  
}
```

```
.course button {  
background-color: #4CAF50;  
color: white;  
border: none;
```

```
padding: 10px;  
cursor: pointer;  
}
```

```
.course button:hover {  
background-color: #45a049;  
}
```

```
/* About Section */  
#about {  
background-color: #f4f4f4;  
padding: 50px 0;  
text-align: center;  
}
```

```
/* Contact Section */  
#contact {  
padding: 50px 0;  
background-color: #fff;
```

```
}
```

```
#contact form {  
max-width: 500px;  
margin: 0 auto;  
}
```

```
#contact label {  
display: block;  
margin: 10px 0 5px;  
}
```

```
#contact input, #contact textarea {  
width: 100%;  
padding: 10px;  
margin-bottom: 20px;  
border: 1px solid #ddd;  
}
```

```
#contact button {  
background-color: #4CAF50;  
color: white;  
border: none;  
padding: 10px 20px;  
cursor: pointer;  
}
```

```
#contact button:hover {  
background-color: #45a049;  
}
```

```
/* Footer */  
footer {  
background-color: #333;  
color: white;  
text-align: center;  
padding: 10px 0;  
}
```

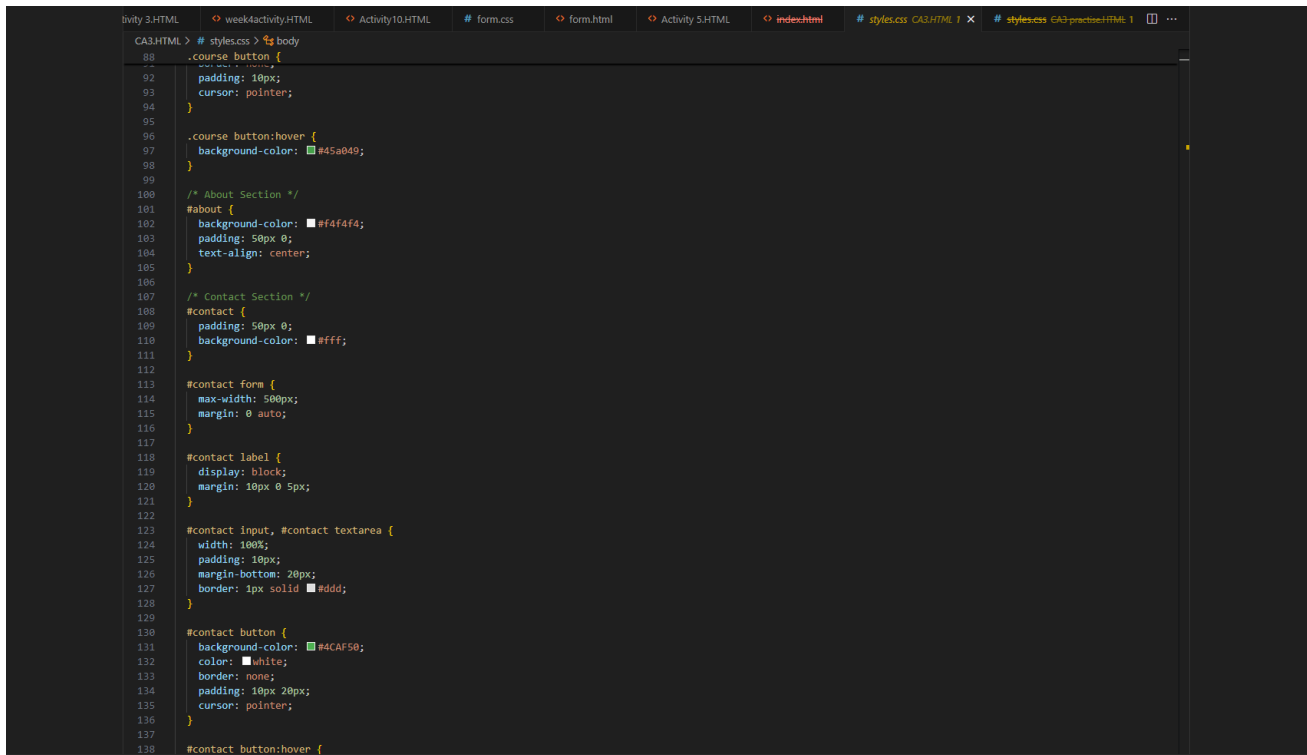
Fig 1:

```
bivty 3.HTML  week4activity.HTML  Activity10.HTML  # form.css  form.html  Activity 5.HTML  index.html  # styles.css CA3.HTML 1 x  # styles.css CA3-practiceHTML 1  ...
CA3.HTML > # styles.css > body
1  /* Global Styles */
2  body {
3      font-family: Arial, sans-serif;
4      margin: 0;
5      padding: 0;
6      box-sizing: border-box;
7  }
8
9  .container {
10     width: 80%;
11     margin: 0 auto;
12 }
13
14 /* Header Styles */
15 header {
16     background-color: #4CAF50;
17     color: white;
18     padding: 10px 0;
19 }
20
21 header h1 {
22     display: inline-block;
23 }
24
25 header nav ul {
26     list-style: none;
27     display: inline-block;
28     float: right;
29 }
30
31 header nav ul li {
32     display: inline;
33     margin-left: 20px;
34 }
35
36 header nav ul li a {
37     color: white;
38     text-decoration: none;
39 }
40
41 /* Hero Section */
42 #hero {
43     background-color: #f4f4f4;
44     text-align: center;
45     padding: 50px 0;
46 }
47
48 #hero h2 {
```

Fig2:

```
bivty 3.HTML  week4activity.HTML  Activity10.HTML  # form.css  form.html  Activity 5.HTML  index.html  # styles.css CA3.HTML 1 x  # styles.css CA3-practiceHTML 1  ...
47
48 #hero h2 {
49     font-size: 2.5rem;
50     margin-bottom: 20px;
51 }
52
53 #hero p {
54     font-size: 1.2rem;
55     margin-bottom: 20px;
56 }
57
58 #hero button {
59     background-color: #4CAF50;
60     color: white;
61     border: none;
62     padding: 10px 20px;
63     cursor: pointer;
64 }
65
66 #hero button:hover {
67     background-color: #45a049;
68 }
69
70 /* Courses Section */
71 #courses .course-list {
72     display: flex;
73     justify-content: space-between;
74 }
75
76 .course {
77     background-color: #f9f9f9;
78     padding: 20px;
79     text-align: center;
80     border: 1px solid #ddd;
81     width: 30%;
82 }
83
84 .course h3 {
85     margin-bottom: 10px;
86 }
87
88 .course button {
89     background-color: #4CAF50;
90     color: white;
91     border: none;
92     padding: 10px;
93     cursor: pointer;
94 }
95
```

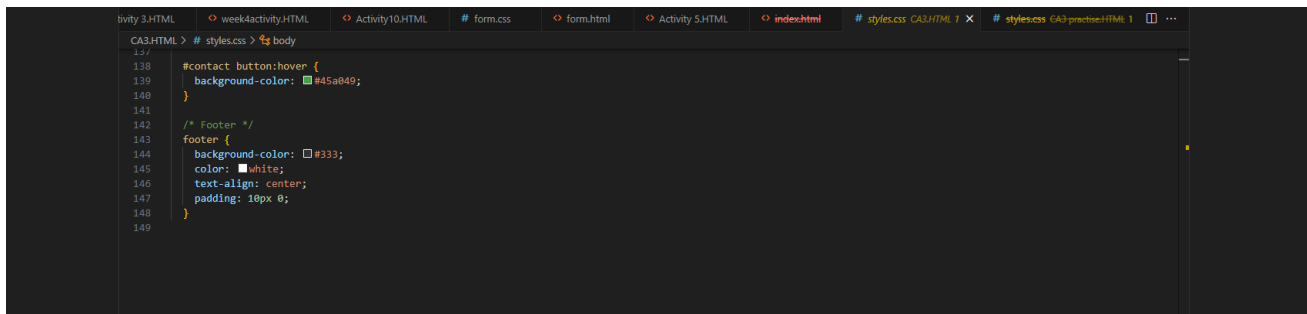
Fig 3:



A screenshot of a code editor with a dark theme. The top tab bar shows several files: 'bivty 3.HTML', 'week4activity.HTML', 'Activity10.HTML', 'form.css', 'form.html', 'Activity 5.HTML', 'index.html', 'styles.css CA3HTML 1', and 'styles.css CA3practiceHTML 1'. The main editor area shows CSS code for 'CA3.HTML'. The code includes a '.course button' rule with padding and cursor properties, a '.course button:hover' rule with a background color of #45a049, a '#about' rule with a background color of #f4f4f4, a '#contact' rule with padding and background color, a '#contact form' rule with max-width and margin, a '#contact label' rule with display and margin, a '#contact input, #contact textarea' rule with width, padding, margin-bottom, and border, a '#contact button' rule with background-color, color, border, padding, and cursor, and a '#contact button:hover' rule. Line numbers 88 through 138 are visible on the left margin.

```
88 .course button {
89     padding: 10px;
90     cursor: pointer;
91 }
92
93 .course button:hover {
94     background-color: #45a049;
95 }
96
97 /* About Section */
98 #about {
99     background-color: #f4f4f4;
100     padding: 50px 0;
101     text-align: center;
102 }
103
104 /* Contact Section */
105 #contact {
106     padding: 50px 0;
107     background-color: #fff;
108 }
109
110 #contact form {
111     max-width: 500px;
112     margin: 0 auto;
113 }
114
115 #contact label {
116     display: block;
117     margin: 10px 0 5px;
118 }
119
120 #contact input, #contact textarea {
121     width: 100%;
122     padding: 10px;
123     margin-bottom: 20px;
124     border: 1px solid #ddd;
125 }
126
127 #contact button {
128     background-color: #4CAF50;
129     color: white;
130     border: none;
131     padding: 10px 20px;
132     cursor: pointer;
133 }
134
135 #contact button:hover {
```

Fig 4:



A screenshot of a code editor with a dark theme, showing the continuation of the CSS code from Fig 3. The top tab bar is the same. The main editor area shows the continuation of the CSS code, including the '#contact button:hover' rule with a background color of #45a049, a '/* Footer */' comment, and a 'footer' rule with background-color, color, text-align, and padding. Line numbers 138 through 149 are visible on the left margin.

```
138 #contact button:hover {
139     background-color: #45a049;
140 }
141
142 /* Footer */
143 footer {
144     background-color: #333;
145     color: white;
146     text-align: center;
147     padding: 10px 0;
148 }
149
```


Chapter – 6

Javascript code

```
function enrollNow() {  
    alert("Thank you for showing interest! You will be  
        redirected to the enrollment page.");  
    // You can add the logic to redirect to the enrollment  
        page here  
}
```

```
function submitForm(event) {  
    event.preventDefault();  
    const name = document.getElementById('name').value;  
    const email = document.getElementById('email').value;  
    const message =  
        document.getElementById('message').value;  
  
    if (name && email && message) {  
        alert('Thank you, ' + name + '! We have received your  
            message.');
```

```
document.getElementById('contact-form').reset(); //
    Reset the form after submission

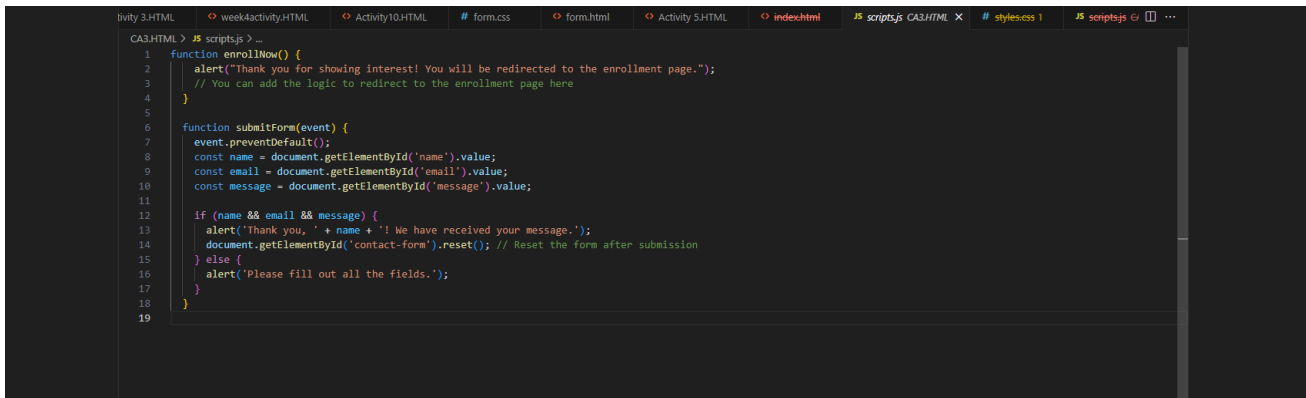
    } else {

    alert('Please fill out all the fields.');
```

}

}

Fig:



The screenshot shows a code editor with a dark theme. The top of the editor has a tab bar with several open files: 'CA3.HTML', 'week4activity.HTML', 'Activity10.HTML', 'form.css', 'form.html', 'Activity 5.HTML', 'index.html', 'JS scripts.js CA3.HTML', 'style.css', and 'JS scripts.js'. The main editor area displays the following JavaScript code:

```
1 function enrollNow() {
2   alert("Thank you for showing interest! You will be redirected to the enrollment page.");
3   // You can add the logic to redirect to the enrollment page here
4 }
5
6 function submitForm(event) {
7   event.preventDefault();
8   const name = document.getElementById('name').value;
9   const email = document.getElementById('email').value;
10  const message = document.getElementById('message').value;
11
12  if (name && email && message) {
13    alert('Thank you, ' + name + '! We have received your message.');
```

```
14    document.getElementById('contact-form').reset(); // Reset the form after submission
15  } else {
16    alert('Please fill out all the fields.');
```

```
17  }
18 }
19
```