

# Web Programming DA-2

## WINTER SEMESTER 2023-24

ANUSHA SARKAR  
22BCE3328

---

### Make webpage using HTML,CSS and JS

I've incorporated dynamic elements to enhance user engagement. Visitors can seamlessly navigate through sections dedicated to information about us, our contact details, and a showcase of our creative works. Hovering over interactive elements triggers smooth transitions, providing visual cues for interactivity. Tabs for "About," "Contact," and "Creative Works" are clickable, effortlessly guiding users to their desired content. Additionally, a message box powered by JavaScript enables visitors to communicate with us directly, facilitating inquiries or feedback. These features collectively create an immersive and user-friendly browsing experience on my webpage.

#### HTML Code:

```
<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="UTF-8">

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

    <title>Anusha Sarkar Portfolio</title>

    <link rel="stylesheet" href="styles.css"> <!-- External CSS file
-->
```



---

```
Computer Science and Engineering, I am dedicated
to
acquiring a strong foundation in both theoretical
knowledge and practical skills.

</p>
<ul>
  <li>🔧 In the classroom, I am immersed in a
variety of
subjects, ranging from Computer Programming to
Discrete Mathematics. These experiences have
not
only deepened my understanding of engineering
principles but have also fueled my curiosity
to
explore the intersections between technology
and
real-world challenges.</li>
  <li>💡 Outside of academics, I actively engage in
Fine
Arts and learning new evolving skills in
technology,
where I apply my skills to hands-on projects
and
collaborate with fellow students. Whether it's
coding, designing, or tinkering with
electronics, I
find joy in bringing ideas to life.</li>
```

---

---

```
<li>🌐 Looking ahead, I am excited about the  
possibilities that the engineering field  
offers. My  
goal is to contribute to cutting-edge  
technologies  
that have a positive impact on society. As I  
continue my academic journey, I am eager to  
embrace  
new challenges, expand my skill set, and  
ultimately  
make a meaningful mark in the world of  
engineering.</li>
```

```
</ul>
```

```
<h3>Education</h3>
```

```
<table>
```

```
<thead>
```

```
<tr>
```

```
<th>Institute</th>
```

```
<th>Degree/Board</th>
```

```
<th>Year</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>VBPS Noida </td>
```

```

        <td>CBSE 10th (High School)</td>

        <td>2019-20</td>

    </tr>

    <tr>

        <td>VBPS Noida </td>

        <td>CBSE 12th (Higher Secondary Ed)</td>

        <td>2021-22</td>

    </tr>

    <tr>

        <td>VIT Vellore </td>

        <td>B.Tech CSE Core </td>

        <td>2022-26</td>

    </tr>

</tbody>

</table>

</article>

</section>

<section id="section2">

    <article>

        <h2>Creative Works</h2>

        <h3>My Artworks</h3>

        <div class="image-gallery">

```

```
        
    </div>

    <h3>Photography</h3>

    <div class="image-gallery">

    </div>

    <h3>Learning Ukulele</h3>

    <video controls>

        <source src="vid1.mp4" type="video/mp4">

        Your browser does not support the video tag.

    </video>

</article>

</section>

<section id="section3">

    <article>

        <h2>Contact Me</h2>

        <form id="contact-form">

            <label for="name">Name:</label>

            <input type="text" id="name" name="name"

                required><br><br>

            <label for="email">Email:</label>
```

```
<input type="email" id="email" name="email"
      required><br><br>

<label for="message">Message:</label>

<textarea id="message" name="message" rows="4"
      required></textarea><br><br>

<button type="submit">Submit</button>

</form>

<div id="message-box"></div>

<!-- Message box will appear here -->

</article>

</section>

</main>

<footer>

<p>Connect with me:

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

  <a href="https://www.youtube.com" target="_blank"></a>
```

---

```
        </p>

    </footer>

</body>

</html>
```

### CSS Code (styles.css):

```
/* Resetting Default Styles */

* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}


/* Body Styles */

body {

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

    background: url('backgrd1.webp') no-repeat center center fixed;

    background-size: cover;

    color: white;

    line-height: 1.6;

    padding-top: 60px;

}
```



---

```
/* Header Styles */

header {

    background-color: rgba(8, 4, 54, 0.8);

    color: white;

    position: fixed;

    top: 0;

    left: 0;

    width: 100%;

    z-index: 1000;

    padding: 20px 0;

}

nav {

    text-align: center;

}

nav a {

    color: white;

    text-decoration: none;

    margin: 0 15px;

    padding: 10px 15px;

    border-radius: 5px;

    transition: background-color 0.3s ease;
```

---

```
}

nav a:hover {

    background-color: rgba(255, 255, 255, 0.1);

}

/* Main Content Styles */

main {

    padding: 20px;

    margin-top: 80px;

}

/* Form Styles */

form {

    max-width: 600px;

    margin: 0 auto;

    background-color: rgba(255, 255, 255, 0.8);

    padding: 30px;

    border-radius: 10px;

    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

label {

    display: block;
```

---

```
margin-bottom: 10px;

color: #333;
}

input,
textarea {

width: 100%;

padding: 10px;

margin-bottom: 20px;

border: 1px solid #ccc;

border-radius: 5px;
}

/* Education Table Styles */

table {

width: 100%;

border-collapse: collapse;

margin-bottom: 20px;

background-color: rgba(255, 255, 255, 0.9);
}

th,

td {

padding: 12px 15px;
```

---

```
    text-align: left;

    color: black;
}

th {

    background-color: rgba(8, 4, 54, 0.9);

    color: white;
}

/* Alternating Row Colors */
tr:nth-child(even) {

    background-color: rgba(0, 0, 0, 0.05);
}

/* Hover Effect */
tr:hover {

    background-color: rgba(0, 0, 0, 0.1);
}

button {

    padding: 12px 20px;

    background-color: rgb(8, 4, 54);

    color: white;

    border: none;
```

---

```
border-radius: 5px;

cursor: pointer;

transition: background-color 0.3s ease;
}

button:hover {

    background-color: rgb(53, 139, 0);
}

.image-gallery {

    display: flex;

    justify-content: space-between;

    flex-wrap: wrap;

    margin-bottom: 20px;
}

.image-gallery img {

    max-width: calc(33.333% - 10px);

    margin-bottom: 20px;

    border-radius: 5px;
}

/* Message Box Styles */

#message-box {
```

```
background-color: rgba(255, 255, 255, 0.9);

border: 1px solid #ccc;

border-radius: 5px;

padding: 20px;

margin-top: 20px;

display: none;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);
}

#message-box p {

    margin: 0;

    color: #333;

}

#message-box strong {

    color: #555;

}
```

JavaScript Code (script.js):

```
document.addEventListener("DOMContentLoaded", function () {

    const contactForm = document.getElementById('contact-form');

    const messageBox = document.getElementById('message-box');
```

---

```
contactForm.addEventListener('submit', function (event) {

    event.preventDefault(); // Prevent default form submission

    // Get form data

    const formData = new FormData(contactForm);

    // You can perform additional validation here if needed

    // Simulate form submission (replace with actual submission logic)

    // For demonstration, just displaying the submitted data in the
message box

    let messageContent = "<strong>Submitted Data:</strong><br>";

    formData.forEach(function (value, key) {

        messageContent += `<strong>${key}</strong> ${value}<br>`;

    });

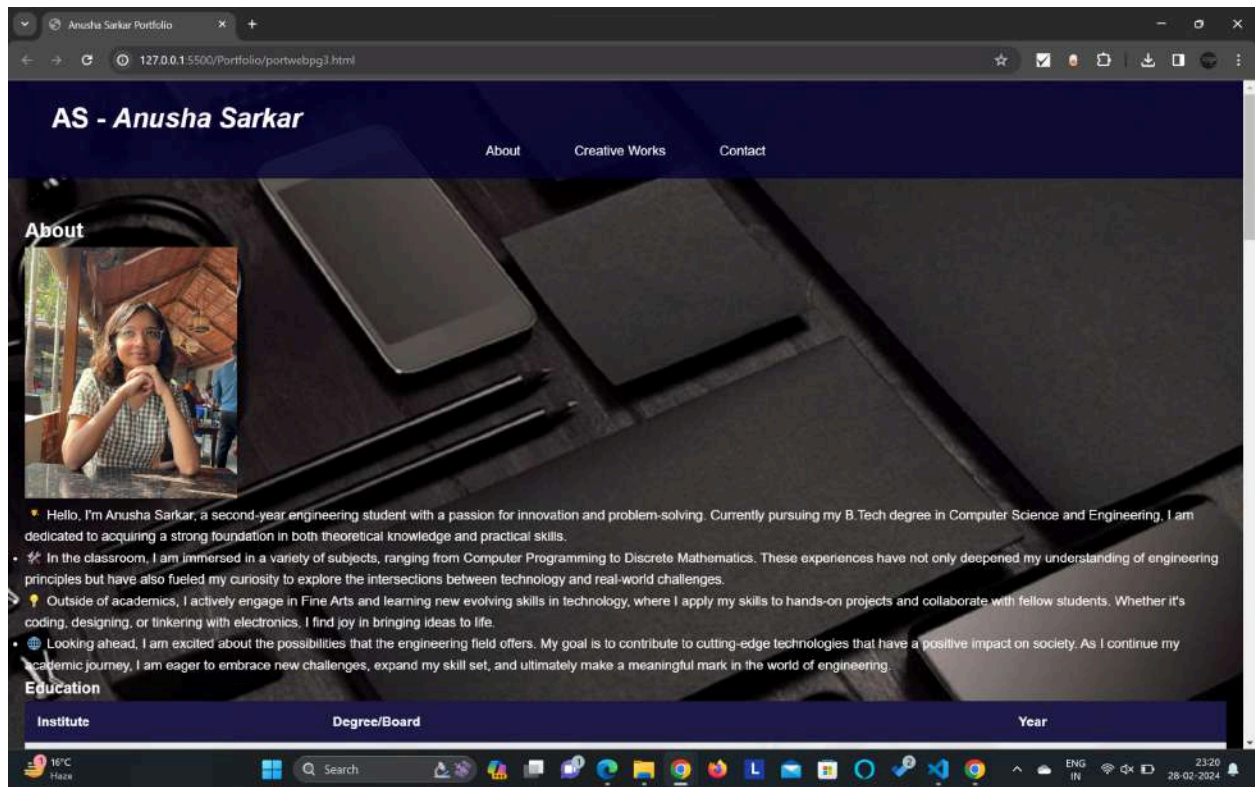
    messageBox.innerHTML = messageContent;

    messageBox.style.display = "block"; // Show the message box

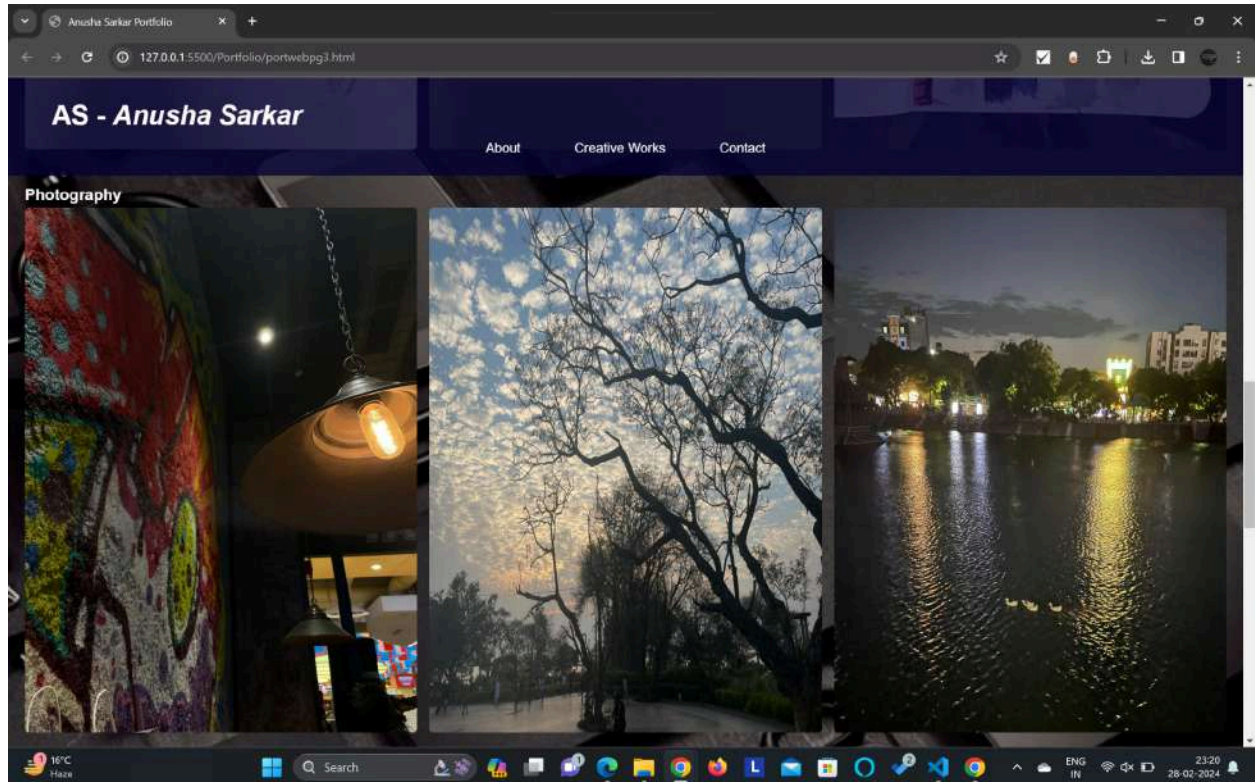
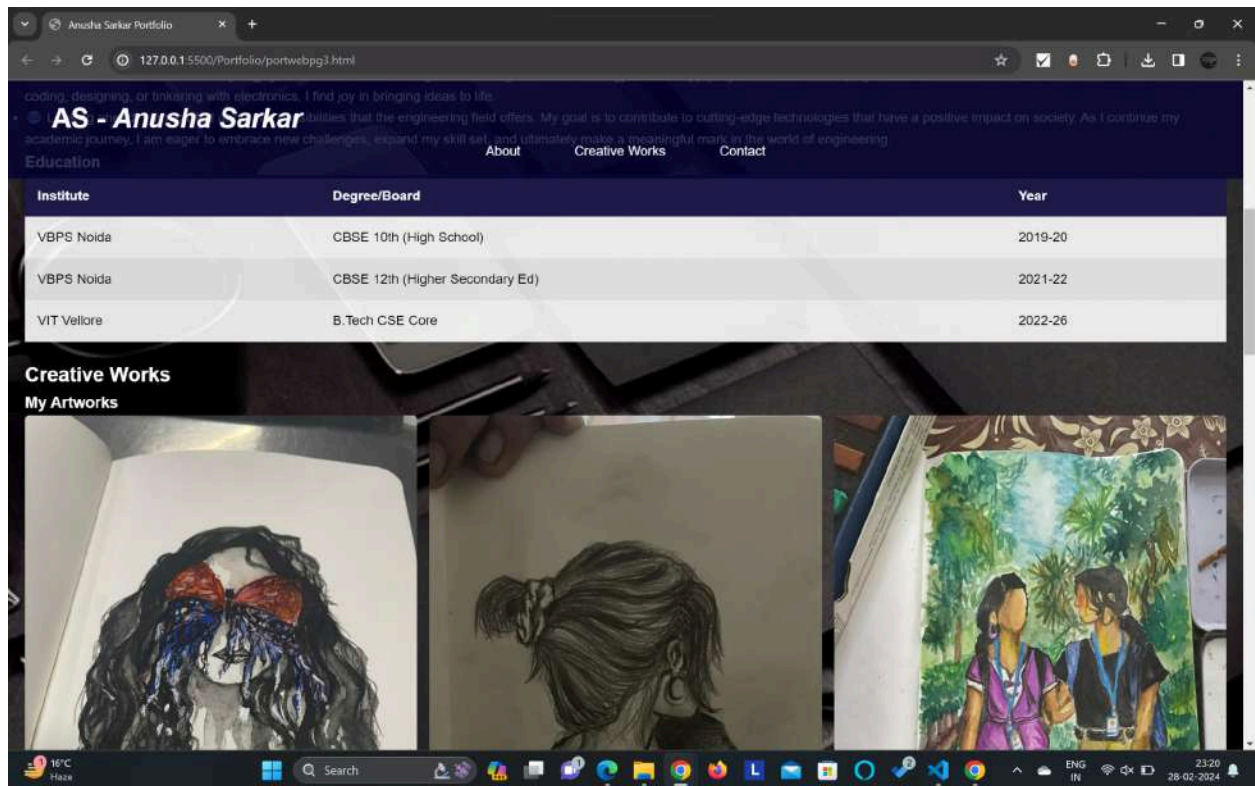
});

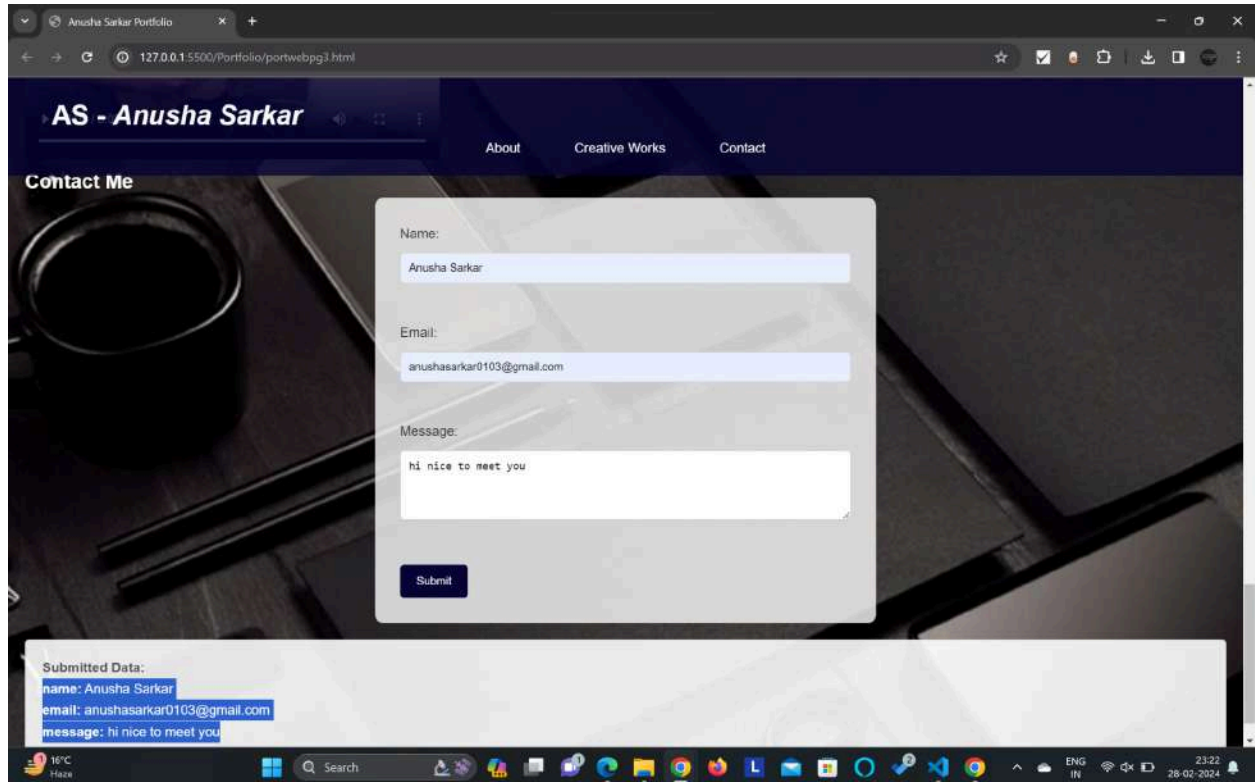
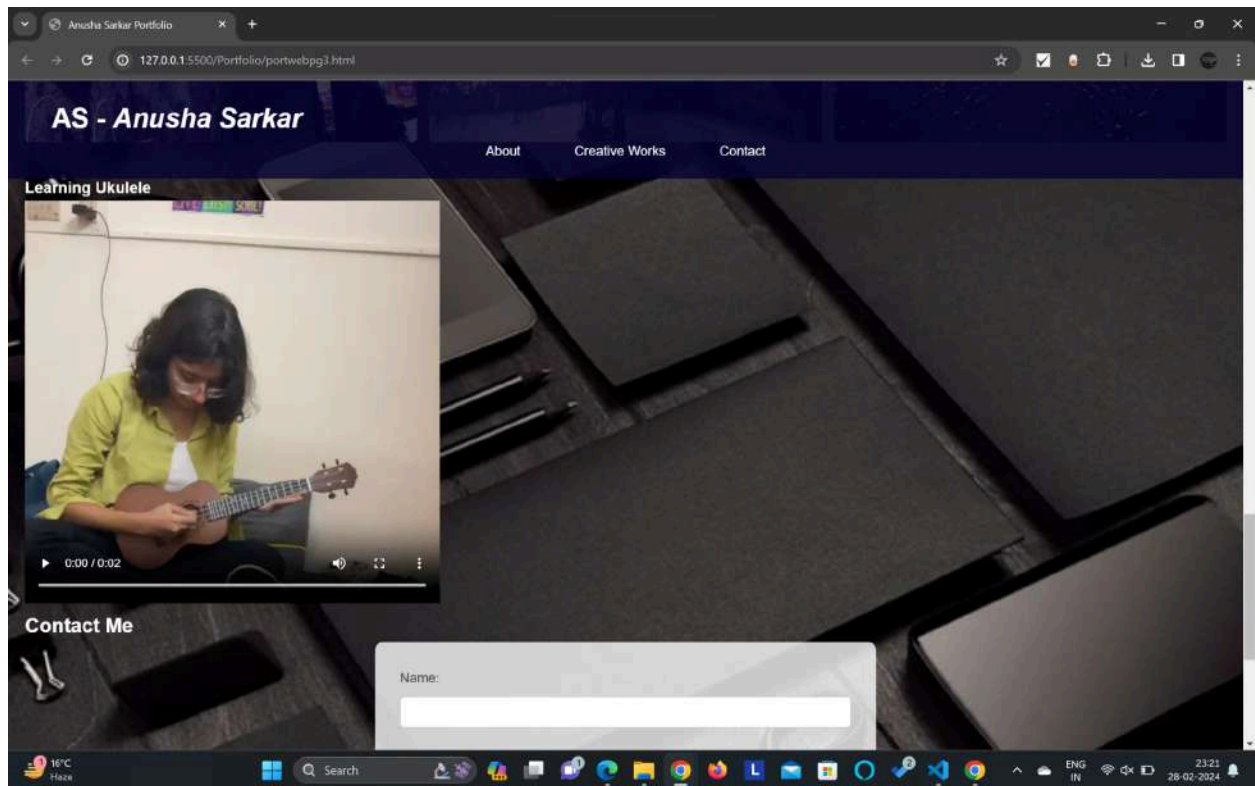
});
```

Screenshots of Portfolio Webpage created:









(After submit we get that submitted data box)