

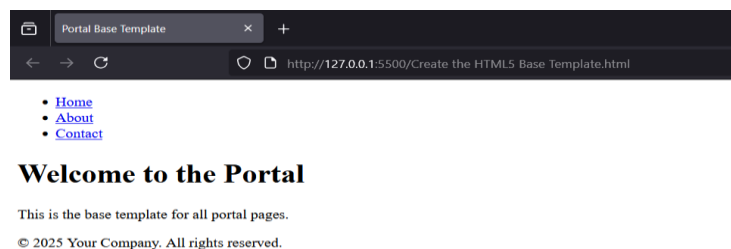
1.Create the HTML5 Base Template

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Portal Base Template</title>
  <link rel="stylesheet" href="styles.css"><!-- Optional: Link your CSS file -->
</head>
<body>
<!-- Navigation -->
  <nav>
    <ul>
      <li><a href="#">Home</a></li>
      <li><a href="#">About</a></li>
      <li><a href="#">Contact</a></li>
    </ul>
  </nav>
<!-- Main -->
  <main>
    <h1>Welcome to the Portal</h1>
    <p>This is the base template for all portal pages.</p>
  </main>
<!-- Footer -->
  <footer>
    <p>&copy; 2025 Your Company. All rights reserved.</p>
  </footer>

</body>
</html>
```

Output:

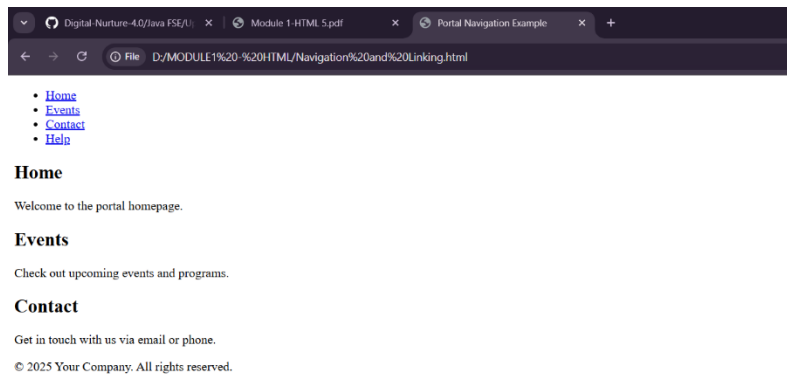


2. Navigation and Linking

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Portal Navigation Example</title>
</head>
<body>
<!-- Navigation -->
  <nav>
    <ul>
      <li><a href="#home">Home</a></li>
      <li><a href="#events">Events</a></li>
      <li><a href="#contact">Contact</a></li>
      <li><a href="help.html" target="_blank">Help</a></li>
    </ul>
  </nav>
<!-- Main Content -->
  <main>
<!-- Home Section -->
    <section id="home">
      <h1>Home</h1>
      <p>Welcome to the portal homepage.</p>
    </section>
<!-- Events Section -->
    <section id="events">
      <h1>Events</h1>
    </section>
<!-- Contact Section -->
    <section id="contact">
      <h1>Contact</h1>
      <p>Get in touch with us via email or phone.</p>
    </section>
  </main>
<!-- Footer -->
  <footer>
    <p>&copy; 2025 Your Company. All rights reserved.</p>
  </footer>
</body>
</html>
```

OUTPUT:



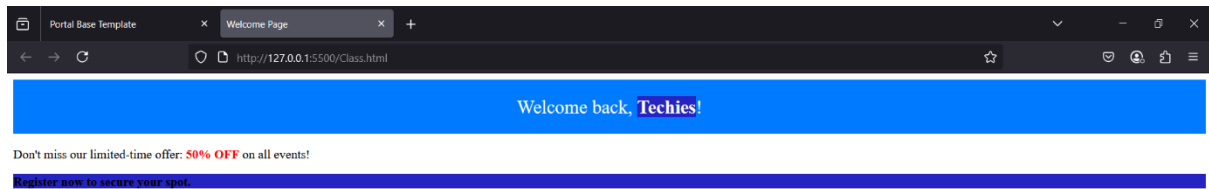
3. Welcome Message with Styling and ID/Class

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Welcome Page</title>
  <!-- Internal CSS -->
  <style>
    #welcomeBanner {
      background-color: #007BFF; /* Blue background */
      color: white;
      padding: 20px;
      text-align: center;
      font-size: 1.5em;
    }
    .highlight {
      background-color: rgb(38, 35, 195);
      font-weight: bold;
    }
  </style>
</head>
<body>
  <!-- Welcome Banner -->
  <div id="welcomeBanner">
    Welcome back, <span class="highlight">Techies</span>!
  </div>
  <!-- Special Offer -->
  <p>Don't miss our limited-time offer:
    <span style="color: red; font-weight: bold;">50% OFF</span> on all events!
  </p>
  <!-- More content with highlight -->
  <p class="highlight">Register now to secure your spot.</p>
```

```
</body>
</html>
```

OUTPUT:



4. Image Gallery for Community Events

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Community Event Gallery</title>
<style>
  table {
    width: 100%;
    text-align: center;
    border-spacing: 15px;
  }
  .event-image {
    border: 3px solid #444;
    border-radius: 8px;
    width: 100%;
    max-width: 250px;
  }
  figcaption {
    font-size: 0.9em;
    margin-top: 5px;
  }
</style>
</head>
<body>
<h1>Community Events Gallery</h1>
<table>
  <tr>
    <td>
      <figure>
```


<figcaption>Community Cleanup Drive</figcaption>

</figure>

</td>

<td>

<figure>

<figcaption>Summer Music Night</figcaption>

</figure>

</td>

<td>

<figure>

<figcaption>Local Food Festival</figcaption>

</figure>

</td>

</tr>

<tr>

<td>

<figure>

<figcaption>Kids Art Workshop</figcaption>

</figure>

</td>

<td>

<figure>

<figcaption>Neighborhood Sports Day</figcaption>

</figure>

</td>

<td>

<figure>

<figcaption>Tree Plantation Event</figcaption>

</figure>

</td>

```

</tr>
</table>

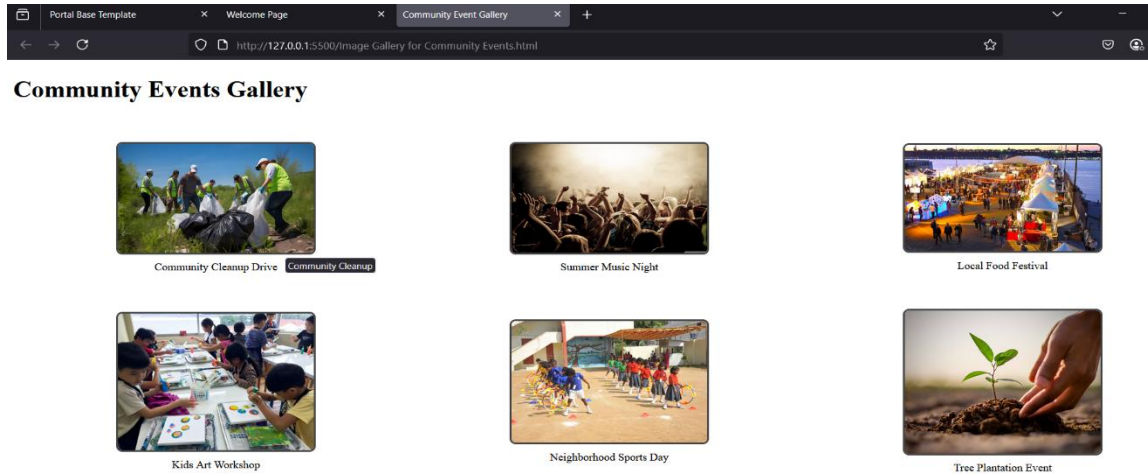
```

```

</body>
</html>

```

OUTPUT:



5. Event Registration Form

CODE:

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Event Registration</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background: #f4f4f4;
      padding: 20px;
    }
    h1 {
      color: #333;
      text-align: center;
    }
    form {
      background: #fff;
      padding: 20px;
      max-width: 500px;
      margin: 0 auto;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
    }

```

```

label {
  display: block;
  margin-top: 15px;
  font-weight: bold;
}

input, select, textarea {
  width: 100%;
  padding: 10px;
  margin-top: 5px;
  border: 1px solid #ccc;
  border-radius: 4px;
}

button {
  margin-top: 20px;
  padding: 10px 20px;
  background: #007BFF;
  color: white;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}

button:hover {
  background: #0056b3;
}

output {
  display: block;
  margin-top: 20px;
  font-weight: bold;
  color: green;
  text-align: center;
}
</style>
</head>
<body>

<h1>Event Registration Form</h1>

<form id="eventForm">
  <label for="name">Full Name:</label>
  <input type="text" id="name" name="name" placeholder="Enter your full name" required
autofocus>

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

```

```

    <input type="email" id="email" name="email" placeholder="you@example.com"
required>

    <label for="date">Event Date:</label>
    <input type="date" id="date" name="date" required>

    <label for="eventType">Event Type:</label>
    <select id="eventType" name="eventType" required>
      <option value="">--Select an Event--</option>
      <option value="cleanup">Community Cleanup</option>
      <option value="music">Music Night</option>
      <option value="festival">Food Festival</option>
      <option value="workshop">Art Workshop</option>
    </select>

    <label for="message">Message:</label>
    <textarea id="message" name="message" rows="4" placeholder="Any special requests or
comments?"></textarea>

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

    <output id="confirmation"></output>
</form>

<script>
const form = document.getElementById("eventForm");
const output = document.getElementById("confirmation");

form.addEventListener("submit", function (e) {
  e.preventDefault(); // Prevent actual form submission

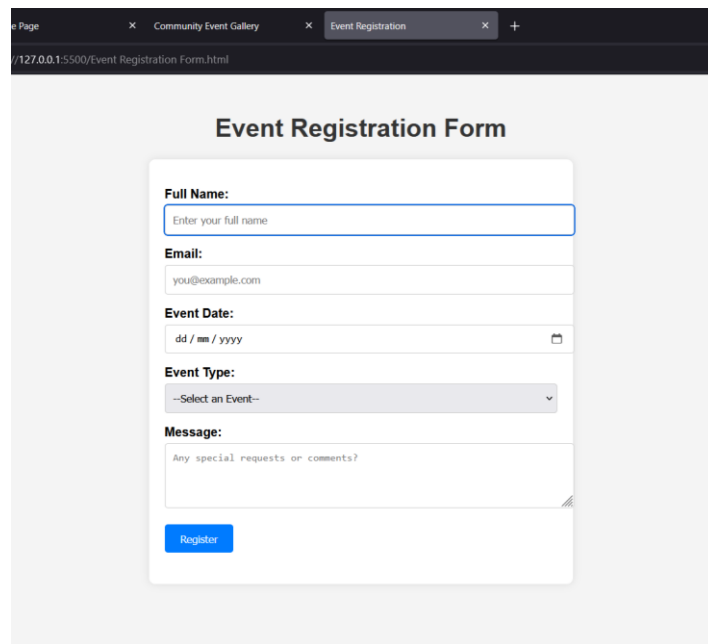
  const name = document.getElementById("name").value;
  const eventType = document.getElementById("eventType").value;

  if (name && eventType) {
    output.textContent = `Thank you, ${name}! You've successfully registered for the
"${eventType}" event.`;
  } else {
    output.textContent = "";
  }
});
</script>

</body>
</html>

```


OUTPUT:



The screenshot shows a web browser window with three tabs: 'e Page', 'Community Event Gallery', and 'Event Registration'. The address bar displays the URL 'http://127.0.0.1:5500/Event Registration Form.html'. The main content area features a form titled 'Event Registration Form'. The form includes the following fields: 'Full Name:' with a text input containing 'Enter your full name'; 'Email:' with a text input containing 'you@example.com'; 'Event Date:' with a date picker showing 'dd / mm / yyyy'; 'Event Type:' with a dropdown menu showing '--Select an Event--'; and 'Message:' with a text area containing 'Any special requests or comments?'. A blue 'Register' button is located at the bottom of the form.

6. Event Feedback with Events Handling

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <title>Event Feedback</title>
  <style>
    body {
      font-family: sans-serif;
      background: #f9f9f9;
      padding: 20px;
    }

    form {
      background: #fff;
      padding: 20px;
      max-width: 500px;
      margin: auto;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
    }

    label {
      display: block;
```

```
    margin-top: 15px;
}
```

```
input, select, textarea {
    width: 100%;
    padding: 10px;
    margin-top: 5px;
    border-radius: 5px;
    border: 1px solid #ccc;
}
```

```
button {
    margin-top: 20px;
    padding: 10px 15px;
    background: #28a745;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```

```
button:hover {
    background: #218838;
}
```

```
.error {
    color: red;
    font-size: 0.9em;
}
```

```
#eventImage {
    display: block;
    margin: 20px auto;
    width: 200px;
    transition: transform 0.3s ease;
    cursor: pointer;
}
```

```
#charCount {
    text-align: right;
    font-size: 0.9em;
    color: #555;
}
```

```
#feeOutput, #submitMsg {
    margin-top: 10px;
    font-weight: bold;
}
```

```

    color: blue;
  }
</style>
</head>
<body>

  <form id="feedbackForm">
    <h2>Event Feedback</h2>

    <!-- Phone Field -->
    <label for="phone">Phone Number:</label>
    <input type="text" id="phone" placeholder="Enter 10-digit phone number"
onblur="validatePhone()">
    <div id="phoneError" class="error"></div>

    <!-- Dropdown -->
    <label for="event">Select Event:</label>
    <select id="event" onchange="displayFee()">
      <option value="">--Choose--</option>
      <option value="cleanup">Community Cleanup</option>
      <option value="music">Music Night</option>
      <option value="festival">Food Festival</option>
    </select>
    <div id="feeOutput"></div>

    <!-- Feedback -->
    <label for="feedback">Your Feedback:</label>
    <textarea id="feedback" rows="4" onkeyup="countCharacters()"></textarea>
    <div id="charCount">0 characters</div>

    <!-- Submit -->
    <button type="button" onclick="showConfirmation()">Submit Feedback</button>
    <div id="submitMsg"></div>
  </form>

  <!-- Clickable Image -->
  

  <script>
  function validatePhone() {
    const phone = document.getElementById("phone").value.trim();
    const errorDiv = document.getElementById("phoneError");
    if (!/^d{10}$/.test(phone)) {
      errorDiv.textContent = "Please enter a valid 10-digit phone number.";
    } else {
      errorDiv.textContent = "";
    }
  }
  </script>

```

```
}  
}
```

```
function displayFee() {  
  const event = document.getElementById("event").value;  
  const feeOutput = document.getElementById("feeOutput");  
  let fee = "";
```

```
  switch (event) {  
    case "cleanup": fee = "$0 (Free)"; break;  
    case "music": fee = "$10"; break;  
    case "festival": fee = "$5"; break;  
    default: fee = "";  
  }
```

```
  feeOutput.textContent = event ? `Fee: ${fee}` : "";  
}
```

```
function showConfirmation() {  
  const phone = document.getElementById("phone").value.trim();  
  const feedback = document.getElementById("feedback").value.trim();  
  const message = document.getElementById("submitMsg");  
  
  if (phone && /^\\d{10}$/.test(phone) && feedback.length > 0) {  
    message.textContent = "Thank you for your feedback!";  
  } else {  
    message.textContent = "Please complete all required fields correctly.";  
  }  
}
```

```
function enlargeImage() {  
  const img = document.getElementById("eventImage");  
  if (img.style.transform === "scale(1.5)") {  
    img.style.transform = "scale(1)";  
  } else {  
    img.style.transform = "scale(1.5)";  
  }  
}
```

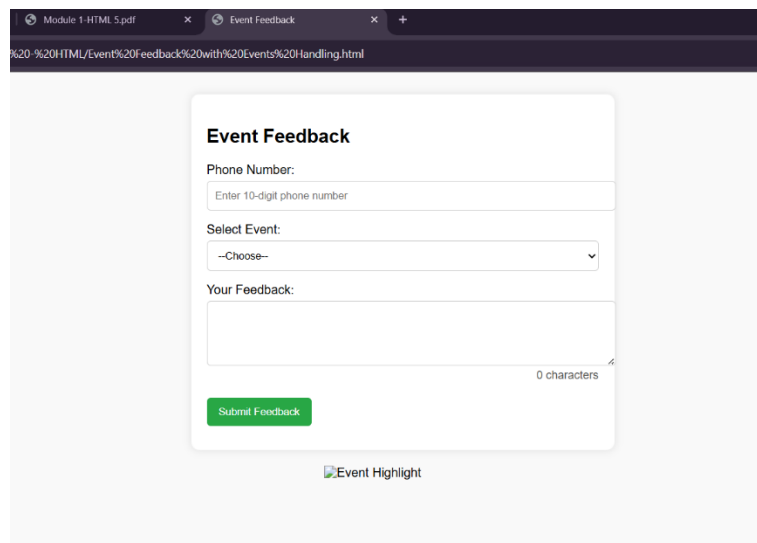
```
function countCharacters() {  
  const feedback = document.getElementById("feedback").value;  
  document.getElementById("charCount").textContent = `${feedback.length} characters`;  
}
```

```
</script>
```

```
</body>
```

```
</html>
```

OUTPUT:



Module 1-HTML 5.pdf Event Feedback

%20 %20HTML/Event%20Feedback%20with%20Events%20Handling.html

Event Feedback

Phone Number:

Select Event:

--Choose--

Your Feedback:

0 characters

Submit Feedback

Event Highlight

7. Video Invite with Media Events

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Event Promo Video</title>
</style>
  body {
    font-family: sans-serif;
    background: #f0f0f0;
    padding: 20px;
  }

  h1 {
    text-align: center;
  }

  form, .video-section {
    background: white;
    padding: 20px;
    max-width: 600px;
    margin: 20px auto;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0,0,0,0.1);
  }

  video {
```

```

    width: 100%;
    border-radius: 8px;
    margin-top: 10px;
}

#videoStatus {
    margin-top: 10px;
    color: green;
    font-weight: bold;
}

label, input {
    display: block;
    width: 100%;
    margin-top: 10px;
}

button {
    margin-top: 15px;
    padding: 10px 20px;
    background: #007bff;
    color: white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

button:hover {
    background: #0056b3;
}
</style>
</head>
<body>

<h1>Welcome to the Event Portal</h1>

<div class="video-section">
    <h2>Event Promo Video</h2>
    <video id="promoVideo" controls oncanplay="videoReadyMessage()">
        <source src="promo.mp4" type="video/mp4">
        Your browser does not support the video tag.
    </video>
    <div id="videoStatus"></div>
</div>

<form id="registerForm">
    <h2>Register for the Event</h2>

```

```

<label for="name">Name:</label>
<input type="text" id="name" placeholder="Your full name" required>

<label for="email">Email:</label>
<input type="email" id="email" placeholder="you@example.com" required>

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

<script>
  let formSubmitted = false;

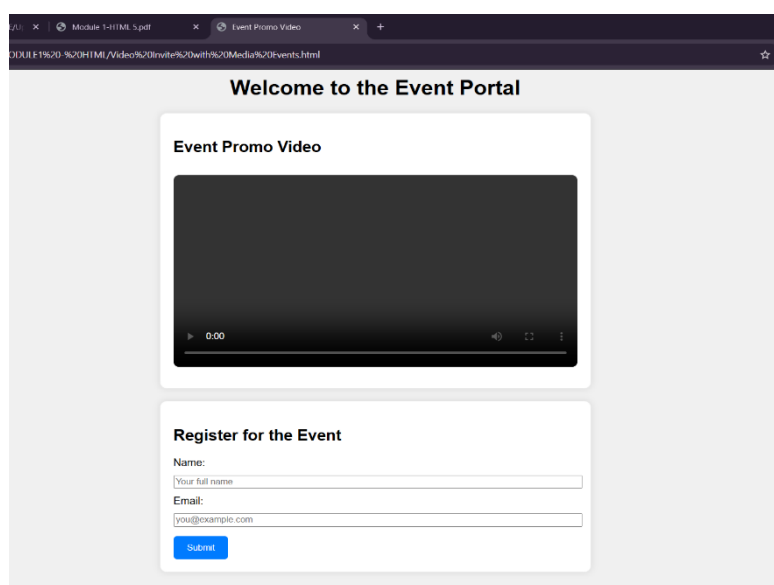
  // Show message when video is ready
  function videoReadyMessage() {
    document.getElementById("videoStatus").textContent = "✅ Video ready to play";
  }

  // Mark form as submitted
  document.getElementById("registerForm").addEventListener("submit", function (e) {
    formSubmitted = true;
    alert("Thank you for registering!");
  });

  // Warn if user tries to leave before submitting
  window.onbeforeunload = function () {
    if (!formSubmitted) {
      return "You have unsaved changes. Are you sure you want to leave?";
    }
  };
</script>
</body>
</html>

```

OUTPUT:



8.Saving User Preferences

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Save Event Preference</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background: #f8f8f8;
      padding: 20px;
    }

    .container {
      background: #fff;
      max-width: 500px;
      margin: 0 auto;
      padding: 20px;
      border-radius: 8px;
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
    }

    h2 {
      text-align: center;
      color: #333;
    }

    label, select {
      display: block;
      width: 100%;
      margin-top: 15px;
    }

    select {
      padding: 10px;
      border-radius: 5px;
      border: 1px solid #ccc;
    }

    button {
      margin-top: 20px;
      padding: 10px 15px;
      width: 100%;
      background-color: #007BFF;
      color: white;
      border: none;
```



```

    border-radius: 5px;
    cursor: pointer;
}

button.clear {
    background-color: #dc3545;
}

button:hover {
    opacity: 0.9;
}

#status {
    margin-top: 15px;
    text-align: center;
    color: green;
    font-weight: bold;
}
</style>
</head>
<body>

<div class="container">
    <h2>Select Your Preferred Event</h2>

    <label for="eventType">Event Type:</label>
    <select id="eventType">
        <option value="">--Choose an event--</option>
        <option value="cleanup">Community Cleanup</option>
        <option value="music">Music Night</option>
        <option value="festival">Food Festival</option>
        <option value="workshop">Art Workshop</option>
    </select>

    <button onclick="savePreference()">Save Preference</button>
    <button class="clear" onclick="clearPreferences()">Clear Preferences</button>

    <div id="status"></div>
</div>

<script>
    const select = document.getElementById("eventType");
    const status = document.getElementById("status");

    // Load saved preference on page load
    window.onload = function () {
        const savedEvent = localStorage.getItem("preferredEvent");

```

```

    if (savedEvent) {
        select.value = savedEvent;
        status.textContent = `Your saved preference: ${savedEvent}`;
    }
};

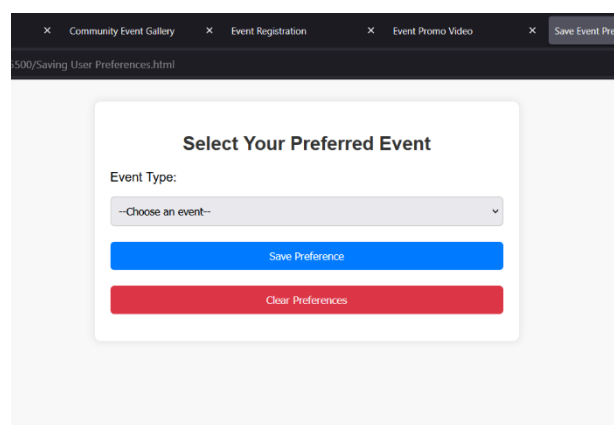
// Save selected event to localStorage
function savePreference() {
    const selected = select.value;
    if (selected) {
        localStorage.setItem("preferredEvent", selected);
        sessionStorage.setItem("tempEvent", selected); // Example use of sessionStorage
        status.textContent = `Saved "${selected}" as your preferred event.`;
    } else {
        status.textContent = "Please select an event type.";
    }
}

// Clear both localStorage and sessionStorage
function clearPreferences() {
    localStorage.clear();
    sessionStorage.clear();
    select.value = "";
    status.textContent = "Preferences cleared.";
}
</script>

</body>
</html>

```

OUTPUT:



9. Geolocation for Event Mapping

CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Find Nearby Events</title>
  <style>
    body {
      font-family: sans-serif;
      background-color: #f2f2f2;
      padding: 20px;
    }

    .container {
      max-width: 500px;
      margin: auto;
      padding: 20px;
      background: #fff;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
      text-align: center;
    }

    button {
      padding: 10px 20px;
      margin-top: 20px;
      background-color: #007BFF;
      color: white;
      border: none;
      border-radius: 6px;
      cursor: pointer;
    }

    button:hover {
      background-color: #0056b3;
    }

    #output {
      margin-top: 20px;
      font-size: 1rem;
      color: #333;
    }

    .error {
      color: red;
    }
```

```
.success {
  color: green;
}
</style>
</head>
<body>

<div class="container">
  <h2>Find Nearby Events</h2>
  <p>We'll find events near your current location.</p>

  <button onclick="findLocation()">Find Nearby Events</button>

  <div id="output"></div>
</div>

<script>
function findLocation() {
  const output = document.getElementById("output");

  if (!navigator.geolocation) {
    output.innerHTML = "<span class='error'>Geolocation is not supported by your
browser.</span>";
    return;
  }

  output.innerHTML = "Locating...";

  navigator.geolocation.getCurrentPosition(
    // Success callback
    (position) => {
      const latitude = position.coords.latitude;
      const longitude = position.coords.longitude;
      output.innerHTML = `<div class="success">
        📍 Latitude: ${latitude.toFixed(6)}<br>
        📍 Longitude: ${longitude.toFixed(6)}
      </div>`;
    },
    // Error callback
    (error) => {
      let message = "An unknown error occurred.";
      switch (error.code) {
        case error.PERMISSION_DENIED:
          message = "User denied the request for Geolocation.";
          break;
        case error.POSITION_UNAVAILABLE:

```

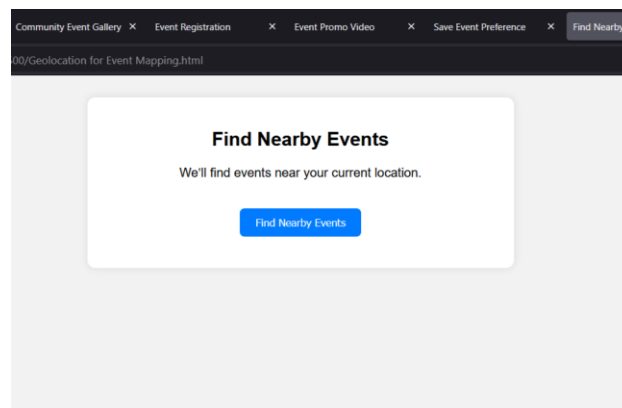
```

        message = "Location information is unavailable.";
        break;
    case error.TIMEOUT:
        message = "The request to get user location timed out.";
        break;
    }
    output.innerHTML = `✖ ${message}</span>`;
},
// Options
{
    enableHighAccuracy: true,
    timeout: 10000,
    maximumAge: 0
}
);
}
</script>

</body>
</html>

```

OUTPUT:



10. Debugging with Chrome DevTools

CODE:

```

<!DOCTYPE html>
<html>
<head>
<style>
    .box {
        width: 100px;
        height: 100px;
        background: red;
    }


```

```
</style>
</head>
<body>

<div class="box" onclick="changeColor()">Click Me</div>

<script>
  function changeColor() {
    let box = document.querySelector('.boxx'); // Typo: .boxx instead of .box
    box.style.background = "blue";
  }
</script>
</body>
</html>
```

HTML After Fixing JavaScript Selector

```
<script>
  function changeColor() {
    let box = document.querySelector('.box'); //  Fixed selector
    box.style.background = "blue";           // Changes color on click
  }
</script>
```

OUTPUT:

Console Output (If Selector Was Broken):

Uncaught TypeError: Cannot read properties of null (reading 'style')
at changeColor (yourfile.html:11)

Console Output (After Fix):

(no errors)