1.HTML :

(a) Task 1( Create the HTML5 Base Template )

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Portal Base Template</title>

</head>

<body>

<nav></nav>

<main></main>

<footer></footer>

</body>

</html>

(b) Task 2 ( Navigation and Linking )

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Navigation Example</title>

</head>

<body>

<nav>

<a href="#home">Home</a>

<a href="#events">Events</a>

<a href="#contact">Contact</a>

<a href="help.html" target="\_blank">Help</a>

</nav>

<section id="home">

<h2>Home</h2>

<p>Welcome to the portal.</p>

</section>

<section id="events">

<h2>Events</h2>

<p>Upcoming events will be listed here.</p>

</section>

<section id="contact">

<h2>Contact</h2>

<p>Contact us at info@example.com.</p>

</section>

</body>

</html>

(c) Task 3 ( Welcome Message with Styling and ID/Class )

<!DOCTYPE html>

<html>

<head>

<style>

#welcomeBanner { background: blue; color: white; padding: 10px; }

.highlight { background: yellow; }

</style>

</head>

<body>

<div id="welcomeBanner">

Welcome <span class="highlight">User</span>!

<span style="color:red; font-weight:bold;">50% Off</span>

</div>

</body>

</html>

(d) Task 4(Image Gallery for Community Events )

<!DOCTYPE html>

<html>

<head>

<style>

.imgBox { border: 2px solid black; width: 100px; height: 70px; }

</style>

</head>

<body>

<table border="1">

<caption>Past Community Events</caption>

<tr>

<td><img src="1.jpg" alt="Tree" title="Tree Planting" class="imgBox"></td>

<td><img src="2.jpg" alt="Clean" title="Beach Clean-Up" class="imgBox"></td>

<td><img src="3.jpg" alt="Workshop" title="Youth Workshop" class="imgBox"></td>

</tr>

<tr>

<td><img src="4.jpg" alt="Blood" title="Blood Donation" class="imgBox"></td>

<td><img src="5.jpg" alt="Fest" title="Cultural Fest" class="imgBox"></td>

<td><img src="6.jpg" alt="Rally" title="Awareness Rally" class="imgBox"></td>

</tr>

</table>

</body>

</html>

(e) Task 5 ( Event Registration Form )

<!DOCTYPE html>

<html>

<head>

<style>

form { border: 1px solid gray; padding: 10px; width: 250px; }

input, select, textarea { width: 100%; margin: 5px 0; }

</style>

</head>

<body>

<form onsubmit="msg.value='Registered!'">

<input type="text" placeholder="Your Name" required autofocus><br>

<input type="email" placeholder="Your Email" required><br>

<input type="date" required><br>

<select required>

<option value="">Select Event</option>

<option>Workshop</option>

<option>Cleanup</option>

<option>Festival</option>

</select><br>

<textarea placeholder="Message"></textarea><br>

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

<output name="msg"></output>

</form>

</body>

</html>

(f) Task 6 ( Event Feedback with Event Handling )

<!DOCTYPE html>

<html>

<head>

<style>

.big { width: 200px; }

</style>

</head>

<body>

<input id="phone" placeholder="Phone" onblur="checkPhone(this)">

<select onchange="showFee(this.value)">

<option value="">Select Event</option>

<option value="100">Workshop</option>

<option value="50">Cleanup</option>

</select>

<p id="fee"></p>

<img src="img.jpg" width="100" ondblclick="this.style.width='200px'">

<textarea id="fb" placeholder="Feedback" onkeyup="countChar()"></textarea>

<p id="charCount">0</p>

<button onclick="alert('Feedback submitted')">Submit</button>

<script>

function checkPhone(input) {

if (!/^\d{10}$/.test(input.value)) alert('Invalid phone');

}

function showFee(val) {

document.getElementById('fee').innerText = 'Fee: ₹' + val;

}

function countChar() {

document.getElementById('charCount').innerText =

document.getElementById('fb').value.length;

}

</script>

(g) Task 7 ( Video Invite with Media Events )

<video id="vid" width="300" controls oncanplay="msg.innerText='Video ready!'">

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

</video>

<p id="msg"></p>

<script>

window.onbeforeunload = () => "Leave this page?";

</script>

(h) Task 8 ( Saving User Preferences )

<select id="eventType" onchange="savePref(this.value)">

<option value="">Choose Event</option>

<option>Workshop</option>

<option>Cleanup</option>

</select>

<button onclick="clearPrefs()">Clear Preferences</button>

<script>

function savePref(val) {

localStorage.setItem("event", val);

}

window.onload = () => {

let val = localStorage.getItem("event");

if (val) document.getElementById("eventType").value = val;

};

function clearPrefs() {

localStorage.clear(); sessionStorage.clear();

}

</script>

(i)Task 9 ( Geolocation for Event Mapping )

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

<p id="loc"></p>

<script>

function getLocation() {

navigator.geolocation.getCurrentPosition(

pos => {

let c = pos.coords;

loc.innerText = `Lat: ${c.latitude}, Lon: ${c.longitude}`;

},

err => loc.innerText = 'Permission denied or timeout',

{ enableHighAccuracy: true, timeout: 5000 }

);

}

</script>

(j) Task 10 ( Debugging with DevTools

console.log("Debugging start");

debugger;