**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY**

**DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY & RESEARCH**

**Department of Computer Science & Engineering**

**Subject Name: Web Development Framework**

**Semester: III**

**Subject Code: ITEU204**

**Academic year: 2025-26 [ODD]**

Practical File

|  |  |
| --- | --- |
| **No.** | **Aim of the Practical** |
| 4. | Create dynamic content such as collapsible FAQs, popups, and sliders in portal  pages.  **PROGRAM CODE (Times New Roman:14) :**   1. **USER REGISTRATION :**   <!DOCTYPE html>  <html lang="en">    <head>      <meta charset="UTF-8" />      <meta name="viewport" content="width=device-width, initial-scale=1.0" />      <title>USER REGISTRATION</title>      <style>        html,        body {          margin: 0;          padding: 0;          font-family: "Segoe UI";          color: #ffffff;          background-color: #0b1a2b;          height: 100%;          display: flex;          flex-direction: column;        }        header {          display: flex;          align-items: center;          justify-content: space-between;          background-color: rgba(0, 0, 0, 0.85);          padding: 10px 30px;          border-bottom: 3px solid #ffd700;        }        header a img {          height: 50px;          display: block;          transition: transform 0.3s ease;        }        header h1 {          margin: 0;          font-size: 2em;          color: #ffd700;          text-shadow: 2px 2px 5px #000;          flex-grow: 1;          padding-left: 15px;        }        nav {          display: flex;          gap: 15px;          flex-wrap: wrap;        }        nav a {          color: #ffffff;          text-decoration: none;          font-weight: 600;          font-size: 0.95em;          padding: 6px 10px;          border-radius: 5px;          transition: background-color 0.3s ease, color 0.3s ease;        }        nav a:hover {          background-color: #ffd700;          color: #0b1a2b;        }        main {          flex: 1;          max-width: 500px;          margin: 50px auto;          padding: 30px;          background-color: rgba(0, 0, 0, 0.65);          border-radius: 12px;          box-shadow: 0 0 15px rgba(0, 0, 0, 0.5);          text-align: center;        }        main h2 {          color: #ffd700;          text-shadow: 1px 1px 3px #000;          margin-bottom: 10px;        }        input[type="text"],        input[type="password"] {          width: 80%;          padding: 12px;          font-size: 1em;          border: none;          border-radius: 8px;          margin-bottom: 20px;          background-color: #fff;          color: #000;          box-shadow: 0 0 5px #ffd700;          transition: box-shadow 0.3s ease, transform 0.2s ease;        }        input[type="text"]:hover,        input[type="password"]:hover {          box-shadow: 0 0 10px #fffacd;          transform: scale(1.03);        }        input[type="submit"] {          background-color: #ffd700;          color: #000;          padding: 12px 25px;          border: none;          border-radius: 10px;          font-size: 1.2em;          font-weight: bold;          cursor: pointer;          transition: background-color 0.3s ease, transform 0.3s ease,            box-shadow 0.3s ease;        }        input[type="submit"]:hover {          background-color: #fffacd;          transform: scale(1.08);          box-shadow: 0 0 15px #ffd700;        }        footer {          text-align: center;          font-size: 0.85em;          padding: 20px;          background-color: rgba(0, 0, 0, 0.85);          color: #bbb;          border-top: 2px solid #ffd700;        }        #popupModal {          display: none;          position: fixed;          top: 0;          left: 0;          width: 100vw;          height: 100vh;          background: rgba(0, 0, 0, 0.6);          z-index: 9999;          align-items: center;          justify-content: center;        }        #popupModal .popup-content {          background: #fff;          color: #222;          padding: 30px 40px;          border-radius: 16px;          box-shadow: 0 0 20px #ffd700;          text-align: center;          min-width: 260px;          max-width: 90vw;        }          #popupModal button {          background: #ffd700;          color: #222;          border: none;          border-radius: 8px;          padding: 10px 24px;          font-size: 1em;          font-weight: bold;          cursor: pointer;        }      </style>    </head>    <body>      <header>        <a href="Home.html">          <img src="shiksha\_logo-removebg-preview.png" alt="Shiksha Logo" />        </a>        <nav>          <a href="Home.html">HOME</a>          <a href="USER REGISTRATION.html">USER REGISTRATION</a>          <a href="FACULTY DETAILS.html">FACULTY DETAILS</a>          <a href="PLACEMENT.HTML">PLACEMENT</a>          <a href="CAREER.HTML">CAREER</a>          <a href="EVENTS.HTML">EVENTS</a>          <a href="NEP 2020.HTML">NEP 2020</a>          <a href="LEADERBOARD.HTML">LEADERBOARD</a>          <a href="ADMISSION.HTML">ADMISSION</a>          <a href="ABOUT US.HTML">ABOUT US</a>          <a href="FAQs.html">FAQs</a>        </nav>      </header>      <main>        <h2>Welcome to Login Portal</h2>        <form          onsubmit="return validateForm()"          action="THANKYOUFOR USERREGISTRATION.HTML"        >          <h2>Username</h2>          <input type="text" placeholder="Enter Your Username" id="n1" />          <h2>Password</h2>          <input type="password" placeholder="Enter Your Password" id="n2" />          <h2>Confirm Password</h2>          <input type="password" placeholder="Confirm Your Password" id="n3" />          <input type="submit" value="Submit Your Data" />        </form>      </main>      <footer>        Trade Marks belong to the respective owners. Copyright © 2025 Info Edge        India Ltd. All rights reserved.      </footer>      <div id="popupModal">        <div class="popup-content">          <span id="popupMessage" style="font-size: 1.15em"></span><br /><br />          <button onclick="closePopup()">OK</button>        </div>      </div>      <script>        function showPopup(message) {          document.getElementById("popupMessage").textContent = message;          document.getElementById("popupModal").style.display = "flex";        }        function closePopup() {          document.getElementById("popupModal").style.display = "none";        }        function validateForm() {          const username = document.getElementById("n1").value.trim();          const password = document.getElementById("n2").value;          const confirmPassword = document.getElementById("n3").value;          if (!username || !password || !confirmPassword) {            showPopup("All fields are mandatory!");            return false;          }          if (password !== confirmPassword) {            showPopup("Passwords do not match!");            return false;          }          return true;        }      </script>    </body>  </html>   1. **FACULTY DETAILS :**   <!DOCTYPE html>  <html lang="en">    <head>      <meta charset="UTF-8" />      <meta name="viewport" content="width=device-width, initial-scale=1.0" />      <title>FACULTY DETAILS</title>      <style>        \* {          box-sizing: border-box;        }        html,        body {          margin: 0;          padding: 0;          font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif;          background-color: #0b1a2b;          color: #ffffff;        }        header {          display: flex;          align-items: center;          justify-content: space-between;          background-color: rgba(0, 0, 0, 0.85);          padding: 10px 30px;          border-bottom: 3px solid #ffd700;        }        header a img {          height: 50px;          display: block;        }        header h1 {          margin: 0;          font-size: 2em;          color: #ffd700;          text-shadow: 2px 2px 5px #000;          flex-grow: 1;          padding-left: 15px;        }        nav {          display: flex;          gap: 15px;          flex-wrap: wrap;        }        nav a {          color: #ffffff;          text-decoration: none;          font-weight: 600;          font-size: 0.95em;          padding: 6px 10px;          border-radius: 5px;          transition: background-color 0.3s ease, color 0.3s ease;        }        nav a:hover {          background-color: #ffd700;          color: #0b1a2b;        }        main {          padding: 40px;          max-width: 900px;          margin: 40px auto;          background-color: rgba(0, 0, 0, 0.6);          border-radius: 10px;          box-shadow: 0 0 20px rgba(0, 0, 0, 0.4);        }        h1,        h2 {          color: #ffd700;          text-shadow: 1px 1px 3px #000;          text-align: center;          margin-bottom: 20px;        }        h3 {          color: #f0e68c;          text-align: center;          font-weight: normal;          margin-bottom: 30px;          line-height: 1.6;        }        ul {          max-width: 800px;          margin: 20px auto 40px;          padding: 20px;          background-color: rgba(0, 0, 0, 0.4);          border-radius: 10px;          list-style: square;          color: #fffacd;        }        ul li {          font-size: 1.1em;          margin-bottom: 10px;        }        .slider {          position: relative;          width: 100%;          max-width: 400px;          margin: 30px auto;          overflow: hidden;        }        .slide {          display: none;          text-align: center;          transition: opacity 0.5s ease-in-out;        }        .slide.active {          display: block;        }        .faculty-img {          display: block;          margin: 0 auto 15px;          border-radius: 10px;          box-shadow: 0 0 10px #000;          width: 200px;          height: 250px;          transition: transform 0.3s ease, box-shadow 0.3s ease;        }        .faculty-img:hover {          transform: scale(1.05);          box-shadow: 0 0 15px #ffd700;        }        .nav-buttons {          display: flex;          justify-content: center;          margin-top: 15px;          gap: 20px;        }        .nav-buttons button {          padding: 8px 16px;          font-weight: bold;          background-color: #ffd700;          border: none;          border-radius: 5px;          color: #0b1a2b;          cursor: pointer;          transition: background-color 0.3s ease;        }        .nav-buttons button:hover {          background-color: #e6c200;        }        footer {          text-align: center;          font-size: 0.9em;          padding: 20px;          background-color: rgba(0, 0, 0, 0.85);          color: #bbb;          border-top: 2px solid #ffd700;          margin-top: 60px;        }      </style>    </head>    <body>      <header>        <a href="Home.html">          <img src="shiksha\_logo-removebg-preview.png" alt="Shiksha Logo" />        </a>        <nav>          <a href="Home.html">HOME</a>          <a href="USER REGISTRATION.html">USER REGISTRATION</a>          <a href="FACULTY DETAILS.html">FACULTY DETAILS</a>          <a href="PLACEMENT.HTML">PLACEMENT</a>          <a href="CAREER.HTML">CAREER</a>          <a href="EVENTS.HTML">EVENTS</a>          <a href="NEP 2020.HTML">NEP 2020</a>          <a href="LEADERBOARD.HTML">LEADERBOARD</a>          <a href="ADMISSION.HTML">ADMISSION</a>          <a href="ABOUT US.HTML">ABOUT US</a>          <a href="FAQs.html">FAQs</a>        </nav>      </header>      <main>        <h1>📘 Faculty Details</h1>        <h3>          At Shiksha, we are proud to have a team of experienced, passionate, and          dedicated educators who are committed to guiding students toward          academic excellence. Our faculty members come from diverse educational          backgrounds and bring a wealth of knowledge to the classroom.        </h3>        <h2>🌟 Our Faculty Highlights:</h2>        <ul>          <li>            <u>Qualified Experts:</u> All our faculty members hold advanced            degrees and have years of experience.          </li>          <li>            <u>Student-Focused Approach:</u> Prioritizing clarity, interactivity,            and personalized guidance.          </li>          <li>            <u>Continuous Development:</u> Constantly updated with the latest            education tech and trends.          </li>          <li>            <u>Mentors, Not Just Teachers:</u> Supporting students beyond            textbooks and exams.          </li>        </ul>        <h2><u>OUR FACULTY MEMBERS:</u></h2>        <div class="slider">          <div class="slide active">            <img src="SHIVAM.jpg" alt="DR. SHIVAM JOSHI" class="faculty-img" />            <h1><u>DR. SHIVAM JOSHI</u></h1>          </div>          <div class="slide">            <img src="VED.jpg" alt="DR. VED VEKARIYA" class="faculty-img" />            <h1><u>DR. VED VEKARIYA</u></h1>          </div>          <div class="slide">            <img              src="MARSHALLLLL.png"              alt="DR. MARSHAL GODHANI"              class="faculty-img"            />            <h1><u>DR. MARSHAL GODHANI</u></h1>          </div>          <div class="slide">            <img              src="DHRUVI.jpg"              alt="DR. DHRUVI KUNDARIYA"              class="faculty-img"            />            <h1><u>DR. DHRUVI KUNDARIYA</u></h1>          </div>        </div>        <div class="nav-buttons">          <button onclick="prevSlide()">⟨ Prev</button>          <button onclick="nextSlide()">Next ⟩</button>        </div>      </main>      <footer>        Trade Marks belong to the respective owners. Copyright © 2025 Info Edge        India Ltd. All rights reserved.      </footer>      <script>        let currentSlide = 0;        const slides = document.querySelectorAll(".slide");        function showSlide(index) {          slides.forEach((slide, i) => {            slide.classList.remove("active");            if (i === index) {              slide.classList.add("active");            }          });        }        function nextSlide() {          currentSlide = (currentSlide + 1) % slides.length;          showSlide(currentSlide);        }        function prevSlide() {          currentSlide = (currentSlide - 1 + slides.length) % slides.length;          showSlide(currentSlide);        }        setInterval(nextSlide, 3000);      </script>    </body>  </html>   1. **FAQs :**   <!DOCTYPE html>  <html lang="en">    <head>      <meta charset="UTF-8" />      <meta name="viewport" content="width=device-width, initial-scale=1.0" />      <title>FAQs - SHIKSHA</title>      <style>        \* {          box-sizing: border-box;        }        html,        body {          margin: 0;          padding: 0;          height: 100%;          font-family: "Segoe UI", Tahoma, Geneva, Verdana, sans-serif;          background-color: #0b1a2b;          color: #ffffff;        }        header {          display: flex;          align-items: center;          justify-content: space-between;          background-color: rgba(0, 0, 0, 0.85);          padding: 10px 30px;          border-bottom: 3px solid #ffd700;        }        header a img {          height: 50px;          display: block;          transition: transform 0.3s ease;        }        header a img:hover {          transform: scale(1.1);        }        nav {          display: flex;          gap: 15px;          flex-wrap: wrap;        }        nav a {          color: #ffffff;          text-decoration: none;          font-weight: 600;          font-size: 0.95em;          padding: 6px 10px;          border-radius: 5px;          transition: background-color 0.3s ease, color 0.3s ease;        }        nav a:hover {          background-color: #ffd700;          color: #0b1a2b;        }        main {          max-width: 900px;          margin: 40px auto;          padding: 30px;          background-color: rgba(0, 0, 0, 0.6);          border-radius: 10px;          box-shadow: 0 0 20px rgba(0, 0, 0, 0.4);        }        h1,        h2 {          color: #ffd700;          text-align: center;          text-shadow: 1px 1px 3px #000;          margin-bottom: 10px;        }        h3 {          color: #f0e68c;          text-align: center;          font-weight: normal;          margin-bottom: 30px;        }        details {          background-color: rgba(255, 255, 255, 0.05);          border: 1px solid #ffd700;          border-radius: 8px;          padding: 15px;          margin-bottom: 20px;          cursor: pointer;        }        summary {          font-weight: bold;          font-size: 1.1em;          color: #ffd700;          outline: none;        }        details[open] summary {          color: #fffacd;        }        details p {          margin-top: 10px;          font-size: 1em;          color: #ffffff;        }        footer {          text-align: center;          font-size: 0.9em;          padding: 20px;          background-color: rgba(0, 0, 0, 0.85);          color: #bbb;          border-top: 2px solid #ffd700;          margin-top: 60px;        }      </style>    </head>    <body>      <header>        <a href="Home.html">          <img src="shiksha\_logo-removebg-preview.png" alt="SHIKSHA Logo" />        </a>        <nav>          <a href="Home.html">HOME</a>          <a href="USER REGISTRATION.html">USER REGISTRATION</a>          <a href="FACULTY DETAILS.html">FACULTY DETAILS</a>          <a href="PLACEMENT.HTML">PLACEMENT</a>          <a href="CAREER.HTML">CAREER</a>          <a href="EVENTS.HTML">EVENTS</a>          <a href="NEP 2020.HTML">NEP 2020</a>          <a href="LEADERBOARD.HTML">LEADERBOARD</a>          <a href="ADMISSION.HTML">ADMISSION</a>          <a href="ABOUT US.HTML">ABOUT US</a>          <a href="FAQs.html">FAQs</a>        </nav>      </header>      <main>        <h1>❓ Frequently Asked Questions</h1>        <h3>          Here are answers to some of the most common questions about SHIKSHA.        </h3>        <details>          <summary>📌 What is SHIKSHA?</summary>          <p>            SHIKSHA stands for School Hub for Intelligent Knowledge & Skills            Honing and Assessment — a modern educational platform with a focus on            excellence and innovation.          </p>        </details>        <details>          <summary>🎓 How do I register as a student?</summary>          <p>            Go to the "User Registration" page from the navigation menu and fill            out the required details to register.          </p>        </details>        <details>          <summary>📚 What programs and departments are available?</summary>          <p>            We offer courses in Engineering, Data Science, Humanities, VLSI            Design, and more. Check our "Admission" page for full details.          </p>        </details>        <details>          <summary>📈 What placement support is offered?</summary>          <p>            Our placement cell offers resume workshops, mock interviews, coding            practice, and strong industry tie-ups with top companies like            Microsoft and TCS.          </p>        </details>        <details>          <summary>🎉 What extracurricular activities can I join?</summary>          <p>            You can participate in cultural fests, sports, coding events,            community drives, and more through our clubs and societies.          </p>        </details>        <details>          <summary>📩 How can I get in touch for help?</summary>          <p>            Visit the "About Us" page or reach out via email or contact form for            quick assistance from our support team.          </p>        </details>      </main>      <footer>        Trade Marks belong to the respective owners. Copyright © 2025 Info Edge        India Ltd. All rights reserved.      </footer>    </body>  </html>  **OUTPUT:**   1. **User Registration :**      1. **Faculty Details :**      1. **FAQs :**     **CONCLUSION:**  This problem definition introduces students to interactive UI development using JavaScript, focusing on DOM manipulation, event-driven programming, and dynamic content rendering. The goal is to enhance the usability of portal pages through features like collapsible FAQs, popups, sliders, and notification banners—all of which mimic real-world interface behavior.. |