**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

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| **No.** | **Aim of the Practical** |
| 3. | Create a user registration page with frontend validation using HTML5 and  JavaScript.  **PROGRAM CODE (Times New Roman:14) :**  **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>  **OUTPUT:**  **USER REGISTRATION :**    **CONCLUSION:**  This problem definition challenges students to implement a complete, user-friendly registration form with proper HTML5 structure and JavaScript-based validation logic. It targets form design best practices, client-side validation techniques, and user feedback handling—core skills for any frontend developer. |