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>
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  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>
```

2. 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>
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  </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>
```

3. **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>
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    </footer>
  </body>
</html>
```

OUTPUT:

1. **User Registration :**

2. Faculty Details :

3. 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..