**CHAROTAR UNIVERSITY OF SCIENCE & TECHNOLOGY DEVANG PATEL INSTITUTE OF ADVANCE TECHNOLOGY & RESEARCH**

Department of Computer 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** |
| 1. | Design a fully responsive layout for the portal home, about, and registration  pages using CSS and Flexbox/Grid.  **PROGRAM CODE :**   1. **Full CSS Code**   body {    font-family: Arial, sans-serif;    color: #232323;    background: #f7f7fa;    margin: 0;    padding: 0;    line-height: 1.6;  }  h1, h2 {    color: #009e7f;    margin-bottom: 16px;  }  .container {    max-width: 900px;    margin: 32px auto;    padding: 0 16px;    background: #fff;    border-radius: 8px;    box-shadow: 0 2px 8px rgba(0,0,0,0.04);  }  ul {    padding-left: 20px;    margin-bottom: 24px;  }  li {    margin-bottom: 8px;  }  a {    color: #007bff;    text-decoration: none;    transition: color 0.2s;  }  a:hover {    color: #0056b3;    text-decoration: underline;  }  footer {    text-align: center;    font-size: 13px;    margin: 32px 0 0 0;    padding: 16px 0 0 0;    border-top: 1px solid #e0e0e0;    color: #888;    background: #f7f7fa;  }  .navbar {    display: flex;    flex-wrap: wrap;    justify-content: center;    gap: 10px;    padding: 14px 0;    background: #fff;    border-bottom: 1px solid #e0e0e0;  }  .navbar a {    color: #232323;    font-weight: 500;    padding: 8px 14px;    border-radius: 4px;    transition: background 0.2s, color 0.2s;  }  .navbar a:hover {    background: #009e7f;    color: #fff;  }  .navbar a.active {    background: #009e7f;    color: #fff;  }  .card {    background: #fff;    border-radius: 8px;    border: 1px solid #e0e0e0;    box-shadow: 0 1px 4px rgba(0,0,0,0.04);    padding: 20px 16px;    margin-bottom: 18px;    text-align: center;    transition: box-shadow 0.2s;  }  .card:last-child {    margin-bottom: 0;  }  .card:hover {    box-shadow: 0 4px 16px rgba(0,158,127,0.10);  }  button, .btn, input[type="submit"] {    font: inherit;    padding: 8px 16px;    border: 1px solid #009e7f;    border-radius: 4px;    background: #009e7f;    color: #fff;    cursor: pointer;    transition: background 0.2s, color 0.2s;    }  button:hover, .btn:hover, input[type="submit"]:hover {    background: #007b63;    color: #fff;  }  input, select, textarea {    font: inherit;    padding: 8px;    margin-bottom: 14px;    border: 1px solid #ccc;    border-radius: 4px;    width: 100%;    box-sizing: border-box;  }  label {    display: block;    margin: 10px 0 4px 0;    color: #009e7f;    font-weight: 500;  }  table {    width: 100%;    border-collapse: collapse;    margin: 20px 0;    background: #fff;    border-radius: 6px;    overflow: hidden;  }  th, td {    border: 1px solid #e0e0e0;    padding: 10px 8px;    text-align: center;  }  th {    background: #009e7f;    color: #fff;  }  @media (max-width: 700px) {    .container {      padding: 0 4px;    }    .navbar {      flex-direction: column;      gap: 6px;      padding: 8px 0;    }    .card {      padding: 12px 6px;    }  }  .top-bar {    display: flex;    justify-content: space-between;    align-items: center;    padding: 10px 20px;    background: #fff;    border-bottom: 1px solid #e0e0e0;  }  .auth-buttons {    display: flex;    gap: 10px;  }  .login-container, .register-container {    width: 350px;    max-width: 90vw;    margin: 40px auto;    background: #fff;    border-radius: 10px;    box-shadow: 0 2px 12px rgba(0,158,127,0.10);    padding: 32px 24px 24px 24px;    display: flex;    flex-direction: column;    align-items: center;  }  .login-container form, .register-container form {    width: 100%;  }  @media (max-width: 500px) {    .login-container, .register-container {      width: 98vw;      padding: 16px 6px;    }  }  .gallery-container {    max-width: 1000px;    margin: 32px auto;    padding: 0 16px;    display: flex;    justify-content: center;  }  .gallery {    display: flex;    flex-wrap: wrap;    gap: 28px;    justify-content: center;    align-items: center;    width: 100%;  }  **2.HOME PAGE**  <!DOCTYPE html>  <html lang="en">  <head>      <meta charset="UTF-8">      <title>FitZone Gym</title>      <link rel="stylesheet" href="style.css">  </head>  <body>      <div class="top-bar">          <h1><span class="fitzone-logo">🏋️</span>FitZone</h1>          <div class="auth-buttons">              <a href="login.html" class="btn">Login</a>              <a href="newmember.html" class="btn">Register</a>          </div>      </div>      <nav class="navbar">          <a href="index.html" class="active">Home</a>          <a href="aboutus.html" >About Us</a>          <a href="services.html" >Services</a>          <a href="trainers.html" >Trainers</a>          <a href="schedule.html">Schedule</a>          <a href="gallery.html" >Gallery</a>          <a href="membership.html" >Membership</a>          <a href="testimonials.html" >Testimonials</a>          <a href="faq.html" >FAQ</a>          <a href="contact.html" >Contact</a>      </nav>      <header class="hero-section" style="height: 320px; min-height: 220px; max-height: 360px; overflow: hidden; position: relative;">          <img class="hero-image" src="https://images.unsplash.com/photo-1517836357463-d25dfeac3438?auto=format&fit=crop&w=1500&q=80" alt="FitZone Gym People Working Out" style="height: 100%; min-height: 220px; max-height: 360px; object-fit: cover; width: 100%;">          <div class="hero-overlay" style="background: rgba(255,255,255,0.82); padding: 32px 24px; border-radius: 18px; box-shadow: 0 2px 16px rgba(0,0,0,0.08);">              <h1 style="color: #00b586; font-size: 2.2rem; font-weight: bold; text-shadow: none;"><span class="fitness-icon">🏋️</span>Welcome to FitZone Gym</h1>              <div class="section-divider"></div>              <p style="color: #232323; font-size: 1.1rem;">Transform Your Body, Elevate Your Life.</p>          </div>      </header>      <section class="welcome-section container">          <h2><span class="fitness-icon">✨</span>Why Choose FitZone?</h2>          <div class="section-divider"></div>          <ul>              <li>Certified and experienced trainers</li>              <li>Modern equipment and spacious workout zones</li>              <li>Group classes: Yoga, Zumba, HIIT, Cardio</li>              <li>Personalized training and nutrition guidance</li>              <li>Flexible membership plans for every need</li>              <li>Clean changing rooms, lockers, and smoothie bar</li>          </ul>      </section>      <section class="highlights container">          <h2><span class="fitness-icon">🌟</span>Our Highlights</h2>          <div class="section-divider"></div>          <div class="highlights-list">              <div class="highlight-card">                  <h3>Expert Trainers</h3>                  <p>Certified trainers for strength, yoga, cardio, and group fitness.</p>              </div>              <div class="highlight-card">                  <h3>Group Classes</h3>                  <p>Yoga, Zumba, HIIT, Cardio, and more for all levels.</p>              </div>              <div class="highlight-card">                  <h3>Nutrition & Wellness</h3>                  <p>Personalized nutrition plans and wellness guidance.</p>              </div>              <div class="highlight-card">                  <h3>Modern Facilities</h3>                  <p>Spacious workout zones, clean changing rooms, lockers, and smoothie bar.</p>              </div>          </div>      </section>      <section class="container" style="margin-top: 32px;">          <h2><span class="fitness-icon">💪</span>Meet Our Trainers</h2>          <div class="section-divider"></div>          <div class="highlights-list">              <div class="trainer-card">                  <h2>Hit Goyani</h2>                  <div class="specialization">Strength & Conditioning</div>                  <p>8+ years experience. Science-backed muscle building and performance.</p>              </div>              <div class="trainer-card">                  <h2>Dhruv Gajera</h2>                  <div class="specialization">Yoga & Flexibility</div>                  <p>Certified yoga instructor. Mindfulness, mobility, and balance.</p>              </div>              <div class="trainer-card">                  <h2>Abhi Patel</h2>                  <div class="specialization">Cardio & Weight Loss</div>                  <p>High-intensity, fat-burning workouts and custom cardio plans.</p>              </div>          </div>          <div style="text-align:center; margin-top:18px;">              <a href="trainers.html" class="btn" style="background:#00b586; color:#fff; border:none;">See All Trainers</a>          </div>      </section>      <section class="container" style="margin-top: 32px;">          <h2><span class="fitness-icon">🚀</span>How to Get Started</h2>          <div class="section-divider"></div>          <div class="highlights-list" style="grid-template-columns: repeat(auto-fit, minmax(220px, 1fr));">              <div class="highlight-card">                  <h3><span class="fitness-icon">📝</span>Register Online</h3>                  <p>Sign up easily with our online registration form.</p>              </div>              <div class="highlight-card">                  <h3><span class="fitness-icon">💳</span>Choose Your Plan</h3>                  <p>Select a membership that fits your goals and lifestyle.</p>              </div>              <div class="highlight-card">                  <h3><span class="fitness-icon">🏋️</span>Start Training</h3>                  <p>Join classes, meet your trainer, and begin your fitness journey!</p>              </div>          </div>      </section>      <section class="container" style="margin-top: 32px;">          <h2><span class="fitness-icon">💬</span>Motivation</h2>          <div class="section-divider"></div>          <blockquote style="font-size:1.2rem; color:#007bff; text-align:center; margin: 0 0 28px 0; font-style:italic;">“The only bad workout is the one that didn’t happen.”</blockquote>          <div class="highlight-card" style="max-width:500px; margin:32px auto 0 auto; min-height:120px; padding-bottom:32px;">              <h3>⭐⭐⭐⭐⭐ Priya Shah</h3>              <p>“The trainers here are incredibly supportive and knowledgeable. I've lost 10 kg in 3 months and feel stronger than ever!”</p>          </div>      </section>      <footer>          <p>&copy; 2025 FitZone Gym. All rights reserved.</p>      </footer>  </body>  </html>  **OUTPUT:**  **1.HOME PAGE**          **2.ABOUT US**      **3.SERVICES**    **4.TRAINERS**    **5.SCHEDULE**    **6.MEMBERSHIP**    **7.TESTIMONIALS**    **8.FAQ**    **9.CONTACT**    **10.LOGIN AND REISTER**      **CONCLUSION:**    I have learned how to create a multi-page website using HTML and CSS. I gained hands-on experience in:   * Structuring web pages with semantic HTML elements for better readability and accessibility. * Designing consistent navigation bars and headers across all pages. * Using CSS for layout, color schemes, spacing, and responsive design to make the website visually appealing and user-friendly. * Creating and styling forms, tables, and content cards for real-world applications. * Reusing CSS classes to maintain a consistent look and feel throughout the site. * Organizing content into sections and containers for better alignment and presentation.   This project helped me build a strong foundation in web development using HTML and CSS. I am now confident in designing and developing basic websites that are both visually appealing and easy to use.  The skills I gained will support me in future projects and prepare me to explore more advanced topics such as JavaScript, CSS frameworks, and front-end libraries. Overall, this project enhanced my creativity, problem-solving skills, and technical abilities in web design**.** |