Graded Lab Assignment 1 – CSF416_Web Technologies and Applications, ODD Sem, 2024

Student Name: Vartika Shah   **ID: 1000016487**

Instructions
- There are **2** questions in this assignment.
- Email/paper/other modes of submissions will not be accepted.
- Upload a word **version** of this document.
- Assignment submitted after due date will not be evaluated and a score of zero will be awarded.
- Plagiarism may lead to award of zero marks.

Due Date: 12pm, 4th Sept. 2024

Submitting this Assignment

You will submit (upload) this assignment in MS Teams. Name this document as GLA1_AJPODD2024_John_Doe.doc in case your name is John Doe, and this graded lab assignment is 1 of course whose acronym is AJP, and offered in ODD 2024. Paste your code after each question, paste the screenshot of output, save and upload the document.

Grading Scheme: This assignment has 5 marks.

Question 1:

Create a web page for internal links; when the user clicks on different links on the web page it should go to the appropriate locations/sections in the same page.

OUTPUT:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Toggle Sections Example</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      line-height: 1.6;
      margin: 0;
      padding: 0;
```

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```css
    }
    nav {
       background-color: #333;
       padding: 10px;
       position: fixed;
       width: 100%;
       top: 0;
       z-index: 1000;
    }
    nav a {
       color: white;
       margin: 0 15px;
       text-decoration: none;
       font-size: 18px;
       cursor: pointer;
    }
    section {
       display: none;
       padding: 60px 20px;
       margin-top: 50px;
    }
    h2 {
       margin-top: 0;
    }
    .visible {
       display: block;
    }
  </style>
</head>
<body>

  <!-- Navigation Bar with Links -->
  <nav>
    <a onclick="showSection('about')">About</a>
    <a onclick="showSection('experience')">Experience</a>
    <a onclick="showSection('contact')">Contact</a>
  </nav>

  <!-- About Section -->
  <section id="about">
    <h2>About Me</h2>
    <p>
```

Welcome to my personal webpage! I'm a passionate professional with expertise in engineering management, product development, and more. My journey in the tech industry has been driven by a love for innovation and a commitment to delivering high-quality solutions.

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```
      </p>
  </section>

  <!-- Experience Section -->
  <section id="experience">
    <h2>Experience</h2>
    <p>
      I have over 10 years of experience in the tech industry, working across various roles and projects. My most recent position was as a Senior Engineering Manager at a leading e-commerce company, where I led a team of engineers to deliver scalable and efficient solutions.
    </p>
  </section>

  <!-- Contact Section -->
  <section id="contact">
    <h2>Contact Me</h2>
    <p>
      If you'd like to get in touch, please feel free to reach out via email at vartikashah27@gmail.com or connect with me on LinkedIn. I'm always open to discussing new opportunities, collaborations, or just having a chat about the industry.
    </p>
  </section>

  <!-- JavaScript to Toggle Sections -->
  <script>
    function showSection(sectionId) {
      // Hide all sections
      document.querySelectorAll('section').forEach(section => {
        section.classList.remove('visible');
      });
      // Show the selected section
      document.getElementById(sectionId).classList.add('visible');
    }
  </script>

</body>
</html>
```

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Contact Me

If you'd like to get in touch, please feel free to reach out via email at vartikashah27@gmail.com or connect with me on LinkedIn. I'm always open to discussing new opportunities, collaborations, or just having a chat about the industry.

About Me

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Question 2:

Create a web page, showing an ordered list of all semester courses enrolled.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Semester Courses</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      line-height: 1.6;
      background-color: #f9f9f9;
      margin: 0;
      padding: 0;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
    }
    .container {
      background-color: white;
      padding: 20px 30px;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    h1 {
      text-align: center;
      color: #333;
    }
    ol {
      padding-left: 20px;
    }
    li {
      margin: 10px 0;
      font-size: 18px;
    }
  </style>
</head>
<body>

  <div class="container">
```

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```
    <h1>Semester Courses</h1>
    <ol>
       <li>Introduction to Computer Science</li>
       <li>Data Structures and Algorithms</li>
       <li>Operating Systems</li>
       <li>Database Management Systems</li>
       <li>Software Engineering</li>
       <li>Computer Networks</li>
       <li>Artificial Intelligence</li>
    </ol>
  </div>

</body>
</html>
```

Output: