Lab Exercise 2

Title: Cascaded Style Sheets

Objectives:
1. Develop Company/ Institute Profile page and style the page. (External CSS inclusion, placement : margins, padding, Border: Rounded Border, web fonts, all type of selectors including pseudo elements and pseudo classes)

Theory
1. What benefits and demerits do External Style Sheets have?
2. What happens when content is placed as inline, inline-block or block?
3. What are the different types of Selectors in CSS?
4. What are the elements of the CSS Box Model?
5. What are Pseudo elements and Pseudo classes?

Hosted Page:
GitHub Repo for Assignment : https://github.com/nishant-3333/IP-Lab
Hosted link of Assignment : https://github.com/nishant-3333/IP-Lab

Code :
Exp2.html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Company/Institute Profile</title>
   <link rel="stylesheet" href="styles.css">
</head>
<body>
   <header>
      <img src="exp2.png" alt="ThreadCrafter Institute Logo" class="logo"> <!-- Logo image changed to exp2.png -->
      <h1>ThreadCrafter Institute</h1>
      <p>Your destination for learning the art of customizing fashion!</p>
   </header>
   <main>
      <section class="about">
         <h2>About Us</h2>
         <p>At ThreadCrafter Institute, we provide comprehensive courses on custom clothing design, fashion technology, and sustainable practices in the fashion industry. Our experienced trainers ensure every student gains hands-on experience.</p>
```

```html
        </section>
        <section class="departments">
          <h2>Departments</h2>
          <ul>
            <li>Fashion Design</li>
            <li>Textile Technology</li>
            <li>Fashion Merchandising</li>
            <li>Pattern Making & Draping</li>
          </ul>
        </section>
        <section class="services">
          <h2>Services</h2>
          <div class="service">
            <h3>Customized Apparel Design</h3>
            <p>Design your own clothing with our expert guidance.</p>
          </div>
          <div class="service">
            <h3>Workshops & Seminars</h3>
            <p>Attend hands-on workshops led by industry professionals.</p>
          </div>
          <div class="service">
            <h3>Consultation</h3>
            <p>Get personalized advice and feedback on your designs.</p>
          </div>
        </section>
        <section class="contact">
          <h2>Contact Us</h2>
          <p>Email: contact@threadcrafterinstitute.com</p>
          <p>Phone: +1 (555) 123-4567</p>
        </section>
      </main>
      <footer>
        <p>&copy; 2023 ThreadCrafter Institute. All rights reserved.</p>
      </footer>
  </body>
</html>
```

Exp2styles.css:

```css
body {
    font-family: 'Arial', sans-serif;
    background: #f4f4f4;
    margin: 0;
    padding: 20px;
}
header {
    text-align: center;
    margin-bottom: 20px;
    padding: 10px;
    border-radius: 8px;
    background-color: #333;
    color: #fff;
```

```css
    }
    main {
        max-width: 800px;
        margin: auto;
        padding: 20px;
        background: #fff;
        border-radius: 8px;
        box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
    h2 {
        color: #5cb85c;
        border-bottom: 2px solid #5cb85c;
        padding-bottom: 8px;
    }
    .about,
    .departments,
    .services,
    .contact {
        margin-bottom: 20px;
    }
    ul {
        list-style-type: square;
        padding-left: 20px;
    }
    .service {
        margin: 15px 0;
        padding: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
        transition: 0.3s;
    }
    .service:hover {
        background: #e9f5e9;
    }
    .contact {
        background: #e7f3fe;
        padding: 15px;
        border-radius: 5px;
    }
    footer {
        text-align: center;
        margin-top: 20px;
        padding: 10px;
        border-top: 1px solid #ccc;
    }
    h1::after {
        content: ";
        display: block;
        width: 100%;
        height: 4px;
        background: #5cb85c;
        margin-top: 5px;
    }
    a:active {
```

```
    color: #d9534f;
}
.logo {
    display: block;
    margin: 0 auto;
    width: 150px;
    height: auto;
    margin-bottom: 10px;
}
```

Screenshot:

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Phone: +91 9594939291

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