IP LAB

Experiment 2

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Aim: To style HTML pages using CSS.

Problem Statement:

1. Style your Profile Page (External CSS inclusion)
2. Style your T-Shirt order Page

(Internal CSS inclusion)
3. Demonstrate different CSS Selectors

Results:

Hosted on GitHub

Page 1: Profile Page - https://sreekeshiyer.github.io/21-22_ip_lab_exp2/index1.html

Page 2: Shirt Order Page - https://sreekeshiyer.github.io/21-22_ip_lab_exp2/index2.html

Page 3: CSS Selectors - https://sreekeshiyer.github.io/21-22_ip_lab_exp2/index3.html

Code:

index1.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
        <link rel="stylesheet" href="style1.css" />
        <script
            src="https://kit.fontawesome.com/f635a28c1e.js"
            crossorigin="anonymous"
        ></script>
        <link rel="stylesheet" href="style1.css" />
        <title>My Profile</title>
    </head>

    <body background="image.jpg">
        <div class="nav">
            <div class="name">
                <img src="profile_image.png" alt="" />
                <h2>Sreekesh Iyer</h2>
            </div>
            <div class="socials">
                <a href="https://github.com/sreekeshiyer"
                    ><i class="fab fa-github"></i> GitHub</a
                ><br />
                <a href="https://www.linkedin.com/in/sreekesh-iyer/"
                    ><i class="fab fa-linkedin"></i> Linkedin</a
                >
            </div>
        </div>

        <div class="content">
            <div class="skillsets card">
                <h3>Skill Sets:</h3>
                <ul id="skills">
```

```html
            <li>HTML</li>
            <li>CSS</li>
            <li>JS</li>
            <li>Assembly</li>
        </ul>
    </div>

    <div class="workex card">
        <h3>Work Experience:</h3>

        <table>
            <tr>
                <th>Company</th>
                <th>Time</th>
            </tr>
            <tr>
                <td>IBM</td>
                <td>3 years</td>
            </tr>
            <tr>
                <td>Intel</td>
                <td>2 Years</td>
            </tr>
        </table>
    </div>
</div>

<div class="media-data">
    <h3>Introduction</h3>
    <video width="320" height="240" controls>
        <source src="video.mp4" type="video/mp4" />
    </video>

    <h3>Play Audio</h3>

    <audio controls>
        <source src="audio.mp3" type="audio/mpeg" />
    </audio>
</div>
</body
>
</html>
```

style1.css

```css
@import
url("https://fonts.googleapis.com/css2?family=Poppins:wght@100;300;400&disp
lay=swap");

* {
    box-sizing: border-box;
    margin: 0;
    padding: 0;
}

body {
    font-family: "Poppins", sans-serif;
    padding: 1rem;
}
h1,
h2,
h3,
h4 {
    font-family: "Poppins", sans-serif;
    font-weight: normal;
}

li {
    list-style: none;
}

a {
    text-decoration: none;
}

.name {
    display: grid;
    grid-gap: 1rem;
    grid-template-columns: 0.3fr 1fr;
    align-items: center;
}
```

```css
.nav {
    display: flex;
    align-items: center;
    justify-content: space-between;
}

.nav h2 {
    font-size: 2rem;
}

.nav img {
    background-size: cover;
    width: 60px;
    height: 60px;
    border: transparent;
    border-radius: 50%;
}

.nav h4 {
    font-family: "Times New Roman", Times, serif;
    font-size: 1rem;
}

.nav i {
    margin-right: 0.3rem;
}

.nav a {
    color: #333;
}

/* Skills and Experience */

.content {
    display: flex;
    align-items: center;
    justify-content: center;

    width: 95vw;
}

.card {
    padding: 1rem;
```

```css
        background: rgba(236, 236, 236, 0.4);
        border-radius: 7px;
        height: 180px;
        width: 300px;
        margin: 2rem 5rem;
}

.card h3 {
        font-weight: bold;
}

.workex table th {
        padding-right: 1rem;
}

@media (max-width: 700px) {
        .content {
                flex-direction: column;
                width: 90vw;
        }

        .media-data {
                display: flex;
                flex-direction: column;
                align-items: center;
                justify-content: center;
        }

        video,
        audio {
                margin: 1rem 0;
        }

        .card {
                margin: 2rem 0;
        }

        .body {
                padding: 0;
        }

}
```

index2.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
        <title>HTML FORM</title>
        <script
            src="https://kit.fontawesome.com/f635a28c1e.js"
            crossorigin="anonymous"
        ></script>
        <!-- <link rel="stylesheet" href="style2.css" /> -->
    </head>

    <style>
        @import
url("https://fonts.googleapis.com/css2?family=Poppins:wght@100;300;400&disp
lay=swap");

        * {
            box-sizing: border-box;
            margin: 0;
            padding: 0;
        }

        body {
            font-family: "Poppins", sans-serif;
            margin: 0.7rem;
        }

        .cart {
            display: flex;
            justify-content: space-between;
            padding: 1rem;
            margin-left: 10rem;
        }
```

```css
form h3 {
    font-size: 2rem;
    margin-bottom: 1rem;
}

input,
select {
    margin-bottom: 1rem;
}

.mt-1 {
    margin-top: 1rem;
}

.options {
    margin-top: 1rem;
}

.options label {
    margin-top: 0.8rem;
    font-size: 0.8rem;
}

.btn {
    display: inline-block;
    margin-top: 1rem;
    font-size: 1.2rem;
    padding: 0.4rem 0.8rem;
    color: white;
    background: #333;
    border: none;
    border-radius: 7px;
    box-shadow: 2px 2px 2px 1px rgba(0, 0, 0, 0.2);
    cursor: pointer;
    transition: all 750ms ease-in-out;
}

.btn:hover {
    transform: scale(1.05);
    background-color: #2dbdff;
}
```

```css
.preview {
    display: flex;
    width: 400px;
    margin-right: 200px;
    background: #f4f4f4;
    justify-content: center;
    align-items: center;
}

.preview img {
    height: 80%;
    width: 80%;
}

@media (max-width: 1100px) {
    .cart {
        margin-left: 3rem;
    }

    .preview {
        margin-right: 3rem;
    }
}

@media (max-width: 880px) {
    body {
        margin: 0;
    }

    form h3 {
        text-align: center;
    }

    .cart {
        flex-direction: column-reverse;
        align-items: center;
        justify-content: center;
        margin-left: 0;
    }

    .form-data {
        margin-top: 2rem;
    }
```

```css
        .preview {
            height: 400px;
            width: 350px;
            margin-right: 3rem;
        }
    }
    </style>

    <body>
        <form action="" enctype="multipart/form-data" method="put">
            <h3>Your Cart</h3>
            <div class="cart">
                <div class="form-data">
                    <label for="tagline">Enter Tagline:</label>
                    <input type="text" name="tagline" id="tagline" /> <br
/>
                    <label for="color">Choose Color:</label>
                    <input type="radio" id="red" name="color" value="Red"
/>
                    <label for="red">Red</label>
                    <input type="radio" id="white" name="color"
value="White" />
                    <label for="white">White</label>
                    <input type="radio" id="blue" name="color" value="blue"
/>
                    <label for="blue">Blue</label> <br />

                    <label for="size">Select Size:</label>
                    <select id="size" name="size">
                        <option value="25">25</option>
                        <option value="30">30</option>
                        <option value="35">35</option>
                        <option value="40">40</option>
                    </select>
                    <br />
                    <label for="quantity">Quantity: </label>
                    <select id="quantity" name="quantity">
                        <option value="1">1</option>
                        <option value="2">2</option>
                        <option value="3">3</option>
                        <option value="4">4</option>
                    </select>
```

```html
            <br />
            <label for="price"
                >Total Order Price: <strong>25.49$</strong></label
            >
            <br />

            <div class="mt-1"></div>
            <label for="payment_options">Payment Options:</label>
            <br />
            <div class="options">
                <input
                    type="radio"
                    id="cc"
                    name="color"
                    value="Credit/Debit Card"
                />
                <label for="cc">Credit/Debit Card</label> <br />
                <input type="radio" id="upi" name="color"
value="UPI" />

                <label for="upi">UPI</label> <br />
                <input
                    type="radio"
                    id="crypto"
                    name="color"
                    value="Crypto"
                />
                <label for="crypto">Crypto-Wallet</label>
            </div>

            <label for="address">Address:</label>
            <p>3224 Hinkle Lake Road Cambridge, MA - 02138</p>

            <button type="submit" class="btn">Place Order</button>
        </div>
        <div class="preview">
            <img src="t_shirt.jfif" alt="" />
        </div>
    </div>
  </form>
 </body>
</html>
```

index3.html

```html
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
        <meta http-equiv="X-UA-Compatible" content="ie=edge" />
        <title>CSS Selectors</title>
        <style>
            /* Universal Selectors */

            * {
                box-sizing: border-box;
                margin: 0;
                padding: 0;
            }

            /* Element Selectors */
            body {
                background-color: #333;
            }

            /* . is for classes */
            .primary-heading {
                color: blue;
            }

            /* # is for IDs */
            #welcome {
                background-color: #f4f4f4;
            }

            /* Multiple Selectors */
            #welcome,
            #about {
                border: 1px solid #ccc;
                padding: 10px;
                margin-bottom: 5px;
            }
```

```css
        /* Nested Selectors */
        #welcome p {
            font-size: 20px;
        }

        #about {
            color: white;
        }
    </style>
</head>
<body>
    <div id="welcome">
        <h2 class="primary-heading">Welcome</h2>
        <p>
            Lorem ipsum dolor sit amet consectetur adipisicing elit.
Quod qui iusto perferendis nisi officia quidem ad enim maiores animi
maxime.
        </p>
    </div>
    <div id="about">
        <h2>About</h2>
        <p>
            Lorem ipsum dolor sit amet consectetur adipisicing elit.
Eveniet laudantium voluptatum dolorum iure, eos et distinctio porro
provident ut assumenda.
        </p>
    </div>
</body>
</html>
```

Conclusion: In this experiment, we learned how to use CSS to style HTML documents.