**Week 3**

**Aim:**

To apply styles using CSS to the web pages designed in experiment 1 & 2.

**Description:**

* In CSS (Casscading Style Sheets) we can define the design of the html elements.
* 3-ways to include CSS
  + *Inline*

style=”margin: 10px”>Heading</h1>

Can be directly added in the html tag itself.

* + *Embedded*

<style>

div {

text-align: center;

}

</style>

Can be added in the *<head>* tag.

* + *External*

<link rel=”stylesheet” href=”.styles.css”></link>

Can be added in the *<head>* tag.

All the styles are written seperatly in `styles.css` file.

* Selectors

Id selector:

*HTML:*

<div id=”card”>Hi</div>

CSS:

#card { text-align: center; }

Class selector:

*HTML:*

<div class=”card”>Hi</div>

CSS:

.card { text-align: center; }

**Source Code:**

header.html

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="utf-8">

        <title>header</title>

    </head>

    <body style="background-color: #393E46; color: #EEEEEE; font-family: 'Roboto', sans-serif;">

        <header style="text-align: center;">

            <img src="https://www.gvpce.ac.in/images/banner.jpg" alt="logo">

            <h1 style="margin-bottom: 0px; margin-top: 5px;">Web Programming</h1>

        </header>

    </body>

</html>

links.html:

<!DOCTYPE html>

<html lang="en">

    <head>

        <meta charset="utf-8">

        <title>navigation</title>

    </head>

    <style>

        \* {

            margin: 0px;

            padding: 0px;

            box-sizing: border-box;

        }

        body {

            color: #EEEEEE;

            background-color: #393E46;

            font-family: 'Roboto', sans-serif;

        }

        ul {

            list-style-type: none;

        }

        nav {

            padding: 20px;

        }

        li {

            text-align: center;

            padding: 10px 20px;

            border-radius: 6px;

            margin: 15px;

            color: black;

            background-color: #222831;

            cursor: pointer;

        }

        li:hover {

            border-radius: 16px;

        }

        a {

            text-decoration: none;

            color: #EEEEEE;

            font-size: 1.25rem;

        }

    </style>

    <body>

        <nav>

            <ul>

                <li><a href="./login.html" target="pages">login</a></li>

                <li><a href="./registration.html" target="pages">registration</a></li>

                <li><a href="./contact-us.html" target="pages">contact us</a></li>

            </ul>

        </nav>

    </body>

</html>

styles.css:

@import url('https://fonts.googleapis.com/css2?family=Roboto:wght@400;500;700;900&display=swap');

\* {

    margin: 0px;

    padding: 0px;

    box-sizing: border-box;

}

body {

    text-align: center;

    color: #EEEEEE;

    background-color: #393E46;

    font-family: 'Roboto', sans-serif;

}

form {

    padding: 20px 50px;

    display: inline-block;

    margin-top: 7%;

    border-radius: 16px;

    background-color: #222831;

    text-align: left;

    font-size: 1.25rem;

}

form h2 {

    text-align: center;

    margin: 15px;

}

label {

    margin-bottom: 10px;

    display: inline-block;

}

label p {

    margin: 5px 0px;

}

.text-input {

    padding: 10px;

    width: 25vw;

    border-radius: 8px;

}

.submit-btn {

    padding: 8px 20px;

    font-size: 1.25rem;

    border-radius: 6px;

    margin: 10px;

    cursor: pointer;

    float: right;

    background-color: #393E46;

    color: #EEEEEE;

    border: none;

}

.submit-btn:hover {

    border-radius: 12px;

}

a {

    color: #EEEEEE;

    font-size: 1rem;

}

A screenshot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated