**Q1. Create a webpage with an anchor element that links to your favorite website.**

<!DOCTYPE html>

<html>

<head>

<title>Favorite Website Link</title>

</head>

<body>

<h1>Visit My Favorite Website</h1>

<a href="https://www.google.com" target="\_blank"> my favorite website</a>

</body>

</html>

**Q2. Write an HTML file that uses the marquee tag.**

<!DOCTYPE html>

<html>

<head>

<title> Example</title>

</head>

<body>

<marquee behavior="scroll" direction="left" scrollamount="5">

This is a text

</marquee>

<marquee behavior="alternate" direction="right" scrollamount="10" style="margin-top:20px;">

text

</marquee>

</body>

</html>

**Q3. Build a login form with the following fields:**

**HTML---------------------------------------------------------------------------------**

<!DOCTYPE html>

<html lang="en">

    <head>

        <title>Student Form</title>

        <link rel="stylesheet" href="form.css">

    </head>

    <body>

        <form>

            <h1>User Information</h1>

            <label for="fname">First Name</label>

            <input type="text"

                   id="fname"

                   name="fname"

                   placeholder="Enter your first name" required>

            <label for="lname">Last Name</label>

            <input type="text"

                   id="lname"

                   name="lname"

                   placeholder="Enter your last name" required>

            <input type="submit"

                    value="Submit">

        </form>

    </body>

</html>

**CSS--------------------------------------------------------------------**

body{

    /\* background-color: aqua; \*/

    display: flex;

    align-items: center;

    justify-content: center;

    height: 100vh;

}

form{

    background-color: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 0 10px;

    width: 300px;

}

input{

    width: 100%;

    margin-bottom: 16px;

    box-sizing: border-box;

}

**Q4. Create a webpage with an iframe that embeds a YouTube video.**

<!DOCTYPE html>

<html>

<head>

<title>YouTube Embed</title>

<style>

.video-container {

max-width: 800px;

margin: 50px auto;

text-align: center;

}

iframe {

width: 100%;

height: 450px;

border: none;

}

</style>

</head>

<body>

<div class="video-container">

<h1>My Favorite Video</h1>

<iframe width="560" height="315" src="https://www.youtube.com/embed/XsOPuQ9Z7Eo?si=le3vAgd\_g3px345u" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>

</div>

</body>

</html>

**Q5. Develop a registration form with the following fields:**

**Q6. Build a responsive flexbox layout.**

<!DOCTYPE html>

<html>

<head>

<title>Simple Flexbox Layout</title>

<style>

.flex-container {

display: flex;

flex-wrap: wrap;

gap: 15px;

padding: 20px;

}

.flex-item {

flex: 1 1 250px;

background: #ddd;

padding: 15px;

border-radius: 4px;

}

@media (max-width: 600px) {

.flex-item {

flex: 1 1 100%;

}

}

</style>

</head>

<body>

<div class="flex-container">

<div class="flex-item">

<h3>Item 1</h3>

<p>Content 1</p>

</div>

<div class="flex-item">

<h3>Item 2</h3>

<p>Content 2</p>

</div>

<div class="flex-item">

<h3>Item 3</h3>

<p>Content 3</p>

</div>

</div>

</body>

</html>

**Q7. Create a webpage using CSS Grid with the following layout:**

**Q8. Design a responsive webpage using media queries.**

<!DOCTYPE html>

<html>

<head>

<title>Responsive Design</title>

<style>

.container {

width: 100%;

max-width: 1200px;

margin: 0 auto;

}

.box {

background-color: #4CAF50;

color: white;

padding: 20px;

margin: 10px 0;

text-align: center;

}

@media (min-width: 600px) {

.box {

background-color: #2196F3;

}

}

@media (min-width: 900px) {

.box {

background-color: #f44336;

float: left;

width: 30%;

margin: 1.5%;

}

}

</style>

</head>

<body>

<div class="container">

<div class="box">Box 1</div>

<div class="box">Box 2</div>

<div class="box">Box 3</div>

</div>

</body>

</html>

**Q9. Build a form with the following fields and apply custom CSS styles:**

**HTML---------------------------------------------------------------------------------**

<!DOCTYPE html>

<html lang="en">

    <head>

        <title>Student Form</title>

        <link rel="stylesheet" href="form.css">

    </head>

    <body>

        <form>

            <h1>User Information</h1>

            <label for="fname">First Name</label>

            <input type="text"

                   id="fname"

                   name="fname"

                   placeholder="Enter your first name" required>

            <label for="lname">Last Name</label>

            <input type="text"

                   id="lname"

                   name="lname"

                   placeholder="Enter your last name" required>

            <input type="submit"

                    value="Submit">

        </form>

    </body>

</html>

**CSS--------------------------------------------------------------------**

body{

    /\* background-color: aqua; \*/

    display: flex;

    align-items: center;

    justify-content: center;

    height: 100vh;

}

form{

    background-color: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 0 10px;

    width: 300px;

}

input{

    width: 100%;

    margin-bottom: 16px;

    box-sizing: border-box;

}

**Q10. Create a responsive gallery layout using CSS Grid.**

<!DOCTYPE html>

<html>

<head>

<title>Simple Gallery Grid</title>

<style>

.gallery {

display: grid;

grid-template-columns: repeat(auto-fill, minmax(250px, 1fr));

gap: 20px;

padding: 20px;

max-width: 900px;

margin: 0 auto;

}

.gallery-item {

position: relative;

border-radius: 8px;

box-shadow: 0 0 5px rgba(0,0,0,0.2);

}

.gallery-item img {

width: 100%;

height: 200px;

}

</style>

</head>

<body>

<div class="gallery">

<div class="gallery-item">

<img src="D:\Images\img1.jpg" alt="Nature">

</div>

<div class="gallery-item">

<img src=" D:\Images\img2.jpg " alt="City">

</div>

<div class="gallery-item">

<img src=" D:\Images\img3.jpg " alt="Beach">

</div>

</div>

</body>

</html>