<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>My First Web Page</title>

</head>

<body>

<h1>This is Heading 1</h1>

<h2>This is Heading 2</h2>

<h3>This is Heading 3</h3>

<h4>This is Heading 4</h4>

<h5>This is Heading 5</h5>

<h6>This is Heading 6</h6>

<marquee>Basic HTML Tags</marquee>

<p>This is a paragraph. It demonstrates the use of the paragraph tag in

HTML. Paragraphs are used to group related content together.</p> <hr>

<p>This is another paragraph.<br>This text appears on a new line due to the line break tag.</p>

<blockquote>

This is a block quote. It's often used to highlight quoted text from another source. </blockquote>

<pre>

This is preformatted text. It preserves both spaces and line breaks, making it useful for displaying code or ASCII art.

</pre>

<p>

Here are examples of logical styles:<br>

<b>Bold text</b><br>

<i>Italic text</i><br>

<u>Underlined text</u><br>

<strong>Strong text</strong><br>

<em>Emphasized text</em><br>

Text with <sub>subscript</sub> and <sup>superscript</sup>

</p>

</body>

</html>

2.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Time Table</title>

</head>

<body>

<h1 style="text-align: center;">Time Table</h1>

<table border="1" style="width: 80%; margin: auto;" cellpadding="10"> <thead>

<tr>

<th colspan="7" style="text-align: center;">Class Time Table</th>

</tr>

<tr style="background-color: lightgray;">

<th>Day/Time</th>

<th>9:00 AM - 10:00 AM</th>

<th>10:00 AM - 11:00 AM</th>

<th>11:00 AM - 12:00 PM</th>

<th>12:00 PM - 1:00 PM</th>

<th>Lunch Break</th>

<th>2:00 PM - 3:00 PM</th>

</tr>

</thead>

<tbody>

<tr>

<td style="background-color: lightblue;">Monday</td>

<td>Math</td>

<td>Physics</td>

<td style="background-color: lightcoral;" colspan="2">Lab</td>

<td rowspan="5" style="background-color: lightyellow;">Lunch Break</td> <td>English</td>

</tr>

<tr>

<td style="background-color: lightblue;">Tuesday</td>

<td style="background-color: lightgreen;">Elective</td>

<td>Chemistry</td>

<td>Biology</td>

<td>Math</td>

<td style="background-color: lightcoral;">Lab</td>

</tr>

<tr>

<td style="background-color: lightblue;">Wednesday</td>

<td>Physics</td>

<td>Math</td>

<td>English</td>

<td>Chemistry</td>

<td>History</td>

</tr>

<tr>

<td style="background-color: lightblue;">Thursday</td>

<td>Biology</td>

<td>Math</td>

<td style="background-color: lightgreen;" colspan="2">Elective</td>

<td>Physics</td>

</tr>

<tr>

<td style="background-color: lightblue;">Friday</td>

<td>History</td>

<td>Chemistry</td>

<td>English</td>

<td>Biology</td>

<td style="background-color: lightcoral;">Lab</td>

</tr>

</tbody> <tfoot>

<tr>

<td colspan="7" style="text-align: center;">End of Week</td>

</tr>

</tfoot>

</table>

</body>

</html>

3.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Styling sheet</title>

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

</head>

<body>

<main id="main-content">

<h2>Welcome to Our Styled Page</h2>

<p>This is a paragraph right after an h2. It demonstrates the adjacent sibling selector.</p>

<h3>Hover over me!</h3>

<hr>

<p lang="en">This paragraph has a lang attribute, demonstrating the attribute selector.</p>

<section>

<p>Here's a <span class="highlight">highlighted</span> word using the class selector.</p>

<p>This paragraph is inside a section, showing the descendant selector.</p>

<span>This span is a direct child of the section.</span>

</section>

<p>The current date and time: <time datetime="2023-08-31">August 31, 2023</time></p>

<p>Notice how the first letter of each paragraph is styled differently.</p>

<article class="special">

<p>This paragraph is inside an article with class="special".</p> </article>

<img src="https://motionbgs.com/media/216/zoro-purgatory-onigiri.jpg" alt="A placeholder image">

<p>Check out this <a href="https://searchcreators.org/">link</a> to see different link states.</p>

</main>

</body>

</html>

style.css file

/\* Element Selector \*/

h2 { color: #2c3e50; font-family: 'Arial', sans-serif; border-bottom: 2px solid #3498db;

padding-bottom: 10px;

}

/\* Element Selector with Pseudo-class \*/

h3:hover { color: #e74c3c; cursor: pointer;

transition: color 0.3s ease;

}

/\* Element Selector \*/ hr { border: 0; height: 1px; width: 800px; border: dashed;

}

/\* Element Selector with Attribute \*/

p[lang] { font-style: italic;

}

/\* Class Selector \*/ .highlight { background-color: #f1c40f;

padding: 5px;

}

/\* ID Selector \*/ #main-content { max-width: 800px; margin: 0 auto; padding: 20px; background-color: #c5f4cf;

}

/\* Descendant Selector \*/ div p { line-height: 1.6;

margin-bottom: 15px;

}

/\* Child Selector \*/ div > span { font-weight: bold; color: #16a085;

}

/\* Adjacent Sibling Selector \*/

h2 + p { font-size: 1.1em;

color: #7f8c8d;

}

/\* Attribute Selector \*/ time[datetime] { color: #8e44ad;

font-weight: bold;

}

/\* Pseudo-element Selector \*/ p::first-letter { font-size: 1.5em; font-weight: bold;

color: #c0392b;

}

/\* Multiple Selectors \*/ img, a { border: 1px solid #bdc3c7; padding: 5px; width:400px;

}

/\* Pseudo-class Selector for Links \*/ a:link, a:visited { color: #dd10f4; text-decoration: none;

} a:hover, a:active { color: #e74c3c;

text-decoration: underline;

}

/\* Attribute Selector for Images \*/

img[alt] {

max-width: 100%;

height: auto;

}

/\* Combining Selectors \*/ div.special p { text-indent: 20px; color: #27ae60; }

4.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Registration Page</title>

<style>

/\* Basic reset for margin and padding \*/

\* { margin: 0; padding: 0;

box-sizing: border-box;

}

/\* Body styling \*/ body { font-family: Arial, sans-serif; background-color: #f0f8ff;

color: #333; display: flex; justify-content: center; align-items: center;

height: 100vh;

}

/\* Form styling \*/ .registration-form { background-color: #fff; padding: 20px; border-radius: 8px;

box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.2);

}

h2 {

color: #4CAF50; font-size: 24px;

margin-bottom: 15px;

}

table { width: 100%;

}

td { padding: 8px; font-size: 16px;

color: #333;

}

input[type="text"], input[type="email"], input[type="password"], input[type="date"], select { width: 100%; padding: 8px; border: 1px solid #ccc; border-radius: 4px;

font-size: 14px;

}

input[type="submit"] { background-color: #4CAF50; color: white; border: none; padding: 10px 20px; font-size: 16px; border-radius: 4px; cursor: pointer;

}

input[type="submit"]:hover { background-color: #45a049;

}

/\* Styling labels \*/ label { font-weight: bold;

}

</style>

</head>

<body>

<div class="registration-form">

<h2>Registration Form</h2>

<form action="#" method="post">

<table>

<tr>

<td><label for="name">Full Name:</label></td>

<td><input type="text" id="name" name="name" required></td>

</tr>

<tr>

<td><label for="email">Email:</label></td>

<td><input type="email" id="email" name="email" required></td>

</tr>

<tr>

<td><label for="password">Password:</label></td>

<td><input type="password" id="password" name="password" required></td>

</tr>

<tr>

<td><label for="dob">Date of Birth:</label></td>

<td><input type="date" id="dob" name="dob"></td>

</tr>

<tr>

<td><label for="State">State:</label></td>

<td>

<select id="state" name="State">

<option value="Maharashtra">Maharashtra</option>

<option value="Karnataka">Karnataka</option>

<option value="Tamil Nadu">Tamil Nadu</option>

</select>

</td>

</tr>

<tr>

<td><label for="gender">Gender:</label></td>

<td>

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="female">

<label for="female">Female</label>

<input type="radio" id="other" name="gender" value="other">

<label for="other">Other</label>

</td>

</tr>

<tr>

<td><label for="phone">Phone Number:</label></td>

<td><input type="text" id="phone" name="phone" required></td>

</tr>

<tr>

<td><label for="address">Address:</label></td>

<td><input type="text" id="address" name="address"></td>

</tr>

<tr>

<td colspan="2" style="text-align: center;">

<input type="submit" value="Register">

</td>

</tr>

</table>

</form>

</div>

</body>

</html>

5.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Newspaper</title>

<style>

/\* General page styling \*/ body {

font-family: Arial, sans-serif; line-height: 1.6; margin: 0; padding: 0;

background-color: #f0f0f0;

color: #333;

}

/\* Header styling \*/ header {

background-color: #333; color: #fff; padding: 1em; text-align: center;

}

/\* Footer styling \*/ footer {

background-color: #333; color: #fff; padding: 1em; text-align: center;

font-size: 0.9em;

}

/\* Section styling \*/ section { padding: 2em; background-color: #fff; margin: 1em;

}

/\* Article styling \*/ article { background-color: #e3f2fd; color: #0056b3; padding: 1em; margin-bottom: 1em;

border-radius: 8px;

}

/\* Aside styling \*/ aside { background-color: #ffeb3b; color: #333; padding: 1em; margin: 1em; border-radius: 8px;

}

/\* Figure styling \*/ figure { margin: 1em 0; text-align: center;

}

figure img { width: 100%; max-width: 300px;

border: 2px solid #333;

}

figcaption { font-size: 0.9em;

color: #555;

}

/\* Table styling \*/ table { width: 100%; border-collapse: collapse;

margin: 1em 0;

}

th, td { padding: 0.5em; text-align: left; border: 1px solid #ddd;

}

th {

background-color: #2196f3; color: #fff;

}

</style>

</head>

<body>

<!-- Header -->

<header>

<h1>Newspaper Layout</h1>

<p>A simple newspaper layout using semantic HTML elements</p> </header>

<!-- Main Section -->

<section>

<h2>Welcome to the Newspaper Section</h2>

<p>This is the main section of the newspaper layout where articles and news content are displayed.</p>

<!-- Article -->

<article>

<h3>Breaking News: Technology Advances</h3>

<p>Recent advances in technology have led to groundbreaking developments in various fields, including AI, robotics, and more.</p>

</article>

<!-- Another Article -->

<article>

<h3>Health Update: Staying Fit</h3>

<p>Experts emphasize the importance of regular exercise and a balanced diet in maintaining a healthy lifestyle.</p>

</article>

<!-- Figure with Caption -->

<figure>

<img src="C:\Users\Tejas\Pictures\Wallpapers\1276191.png" alt="Sample Image"> <figcaption>Figure 1: Sample Image in Newspaper Layout</figcaption> </figure>

<!-- Aside -->

<aside>

<h4>Did You Know?</h4>

<p>Many tech companies are investing heavily in AI to stay ahead in the market. AI is expected to transform industries globally.</p>

</aside>

<!-- Table -->

<table>

<thead>

<tr>

<th>Headline</th>

<th>Category</th>

<th>Date</th>

</tr>

</thead>

<tbody>

<tr>

<td>Tech Trends in 2024</td>

<td>Technology</td>

<td>November 6, 2024</td>

</tr>

<tr>

<td>Maintaining Mental Health</td>

<td>Health</td>

<td>November 5, 2024</td>

</tr>

</tbody>

</table>

</section>

<!-- Footer -->

<footer>

<p>&copy; 2024 Newspaper. All Rights Reserved.</p>

</footer>

</body>

</html>

9.

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>jQuery Task</title>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<style> body {

font-family: Arial, sans-serif; margin: 20px; padding: 0;

background-color: #f9f9f9;

}

.container { max-width: 600px; margin: 0 auto; padding: 20px; background: #fff; border: 1px solid #ddd;

box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);

} p, ul {

margin: 10px 0;

} button {

margin: 10px 5px; padding: 8px 15px; background-color: #007bff;

color: #fff; border: none; cursor: pointer;

border-radius: 4px;

}

button:hover {

background-color: #0056b3;

}

.box { width: 100px; height: 100px; margin: 20px auto; background-color: #f4b400; position: relative;

}

</style>

</head>

<body>

<div class="container">

<h1>jQuery Demo</h1>

<p>This is an existing paragraph.</p>

<ul>

<li>First item</li>

<li>Second item</li>

</ul>

<button id="append-btn">Append Content</button>

<button id="animate-btn">Animate Box</button>

<button id="change-color-btn">Change Box Color</button>

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

</div>

<script>

$(document).ready(function () {

// a. Append content to paragraph and list

$('#append-btn').click(function () {

$('p').append(' This is appended content.');

$('ul').append('<li>New appended item</li>');

});

// b. Animate the box element

$('#animate-btn').click(function () {

$('.box').animate({ width: '200px', height: '200px', left: '50px'

}, 1000, function () { // Animation complete

alert('Animation complete!');

});

});

// c. Change color of the animated box

$('#change-color-btn').click(function () {

$('.box').css('background-color', '#28a745');

});

});

</script>

</body>

</html>