hr - line

br - /n

pre - extractly

<b> Defines bold text

<em> Defines emphasized text

<i> Defines a part of text in an alternate voice or mood

<small> Defines smaller text

<strong> Defines important text

<sub> Defines subscripted text

<sup> Defines superscripted text

<ins> Defines inserted text

<del> Defines deleted text

<mark> Defines marked/highlighted text

CSS

Inline - by using the style attribute inside HTML elements

Internal - by using a <style> element in the <head> section

External - by using a <link> element to link to an external CSS file

style - styling HTML elements

background-color - background color

color for text colors

font-family for text fonts

font-size for text sizes

text-align for text alignment

border

p{border: 2px solid powderblue;}

padding - space between word and border

p {

border: 2px solid powderblue;

padding: 30px;

}

margin - the space outside the border

p {

border: 2px solid powderblue;

margin: 50px;

}

Link

<a>

target="?"

\_self - Default. Opens the document in the same window/tab as it was clicked

\_blank - Opens the document in a new window or tab

\_parent - Opens the document in the parent frame

\_top - Opens the document in the full body of the window

titlee="?" hover have a sentence

<a href="https://www.w3schools.com/" target="\_blank">Visit W3Schools!</a>

[make picture can click]

-----------------------------------------------------------------------------

<a href="default.asp">

<img src="smiley.gif" alt="HTML tutorial" style="width:42px;height:42px;">

</a>

-----------------------------------------------------------------------------

<!DOCTYPE html>

<html>

<head>

<style>

a:link { original

color: green;

background-color: transparent;

text-decoration: none;

}

a:visited { visited

color: pink;

background-color: transparent;

text-decoration: none;

}

a:hover { hang over

color: red;

background-color: transparent;

text-decoration: underline;

}

a:active { when click

color: yellow;

background-color: transparent;

text-decoration: underline;

}

</style>

</head>

<body>

<h2>Link Colors</h2>

<p>You can change the default colors of links</p>

<a href="html\_images.asp" target="\_blank">HTML Images</a>

</body>

</html>

-----------------------------------------------------------------------------

Red button

-----------------------------------------------------------------------------

<!DOCTYPE html>

<html>

<head>

<style>

a:link, a:visited {

background-color: #f44336;

color: white;

padding: 15px 25px;

text-align: center;

text-decoration: none;

display: inline-block;

}

a:hover, a:active {

background-color: red;

}

</style>

</head>

<body>

<h2>Link Button</h2>

<p>A link styled as a button:</p>

<a href="default.asp" target="\_blank">This is a link</a>

</body>

</html>

-----------------------------------------------------------------------------

jump to

-----------------------------------------------------------------------------

<!DOCTYPE html>

<html>

<body>

<p><a href="#C4">Jump to Chapter 4</a></p>

<p><a href="#C10">Jump to Chapter 10</a></p>

<h2>Chapter 1</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 2</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 3</h2>

<p>This chapter explains ba bla bla</p>

<h2 id="C4">Chapter 4</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 5</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 6</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 7</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 8</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 9</h2>

<p>This chapter explains ba bla bla</p>

<h2 id="C10">Chapter 10</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 11</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 12</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 13</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 14</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 15</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 16</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 17</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 18</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 19</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 20</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 21</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 22</h2>

<p>This chapter explains ba bla bla</p>

<h2>Chapter 23</h2>

<p>This chapter explains ba bla bla</p>

</body>

</html>

float - <img> left or right - float picture at left or right

-----------------------------------------------------------------

add icon on the tab

-----------------------------------------------------------------

<link rel="icon" type="image/x-icon" href="/images/favicon.ico">

-----------------------------------------------------------------

**table**

-----------------------------------------------------------------

<!DOCTYPE html>

<html>

<style>

table, th, td {

border:1px solid black;

border-collapse: collapse; <----------double lines to one line (combine the line of table border)

}

th, td {w

background-color: #96D4D4;

border: 1px solid black;

border-radius: 10px; <------------become circle

border-style:

dotted

dashed

solid

double

groove

ridge

inset

outset

none

hidden

border-color

}

</style>

<body>

<h2>TH elements define table headers</h2>

<table style="width:100%">

<tr>

<th>Person 1</th> <--------- <th> bold and center auto

<th>Person 2</th>

<th>Person 3</th>

</tr>

<tr>

<td>Emil</td>

<td>Tobias</td>

<td>Linus</td>

</tr>

<tr>

<td>16</td>

<td>14</td>

<td>10</td>

</tr>

</table>

<p>To understand the example better, we have added borders to the table.</p>

</body>

</html>

colspan and rowspan - combine column or row together

<caption> in table

**List**

<ul>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ul>

<ul style="list-style-type:disc;">

|  |  |
| --- | --- |
| disc | Sets the list item marker to a bullet (default) |
| circle | Sets the list item marker to a circle |
| square | Sets the list item marker to a square |
| none | The list items will not be marked |

<ol>  
  <li>Coffee</li>  
  <li>Tea</li>  
  <li>Milk</li>  
</ol>

<ol type="1">

<ol start="50">

|  |  |
| --- | --- |
| **Type** | **Description** |
| type="1" | The list items will be numbered with numbers (default) |
| type="A" | The list items will be numbered with uppercase letters |
| type="a" | The list items will be numbered with lowercase letters |
| type="I" | The list items will be numbered with uppercase roman numbers |
| type="i" | The list items will be numbered with lowercase roman numbers |

<dl>  
  <dt>Coffee</dt>  
  <dd>- black hot drink</dd>  
  <dt>Milk</dt>  
  <dd>- white cold drink</dd>  
</dl>

**Make a menu**

<!DOCTYPE html>

<html>

<head>

<style>

ul {

list-style-type: none;

margin: 0;

padding: 0;

overflow: hidden;

background-color: #333333;

}

li {

float: right;

}

li a {

display: block;

color: white;

text-align: center;

padding: 16px;

text-decoration: none;

}

li a:hover {

background-color: #111111;

}

</style>

</head>

<body>

<h2>Navigation Menu</h2>

<p>In this example, we use CSS to style the list horizontally, to create a navigation menu:</p>

<ul>

<li><a href="#home">Home</a></li>

<li><a href="#news">News</a></li>

<li><a href="#contact">Contact</a></li>

<li><a href="#about">About</a></li>

</ul>

</body>

</html>

**Class**

**.city** { (class)

background-color: tomato;

color: white;

border: 2px solid black;

margin: 20px;

padding: 20px;

}

<div **class="city**">

<h2>London</h2>

<p>London is the capital of England.</p>

</div>

#myHeader { (id)  
  background-color: lightblue;  
  color: black;  
  padding: 40px;  
  text-align: center;  
}

<h1 id="myHeader">My Header</h1>

Only **span** affected

<h1>My **<span class="note">Important</span>** Heading</h1>

<p>This is some **<span class="note">important</span>** text.</p>

<h2 id="C4">Chapter 4</h2>



<p><a href="#C4">Jump to Chapter 4</a></p>

<p><a href="#C10">Jump to Chapter 10</a></p>

<a href="html\_demo.html#C4">Jump to Chapter 4</a>

**Javascript**

<!DOCTYPE html>

<html>

<body>

<h2>Use of The class Attribute in JavaScript</h2>

<p>Click the button to hide all elements with class name "city":</p>

**<button onclick="myFunction()">Hide elements</button>**

<h2 class="city">London</h2>

<p>London is the capital of England.</p>

<h2 class="city">Paris</h2>

<p>Paris is the capital of France.</p>

<h2 class="city">Tokyo</h2>

<p>Tokyo is the capital of Japan.</p>

**<script>**

**function myFunction() {**

**var x = document.getElementsByClassName("city");**

**for (var i = 0; i < x.length; i++) {**

**x[i].style.display = "none";**

**}**

**}**

**</script>**

</body>

</html>

**Other example:**

<script>  
function displayResult() {  
  document.getElementById("myHeader").innerHTML = "Have a nice day!";  
}  
</script>

<!DOCTYPE html>

<html>

<body>

<h1>My First JavaScript</h1>

**<button type="button"**

**onclick="document.getElementById('demo').innerHTML = Date()">**



**Click me to display Date and Time.</button>**

<p id="demo"></p>

</body>

</html>

**Change styles:**

document.getElementById("demo").style.fontSize = "25px";  
document.getElementById("demo").style.color = "red";  
document.getElementById("demo").style.backgroundColor = "yellow";

Light the bulb

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h1>My First JavaScript</h1>**

**<p>Here, a JavaScript changes the value of the src (source) attribute of an image.</p>**

**<script>**

**function light(sw) {**

**var pic;**

**if (sw == 0) {**

**pic = "pic\_bulboff.gif"**

**} else {**

**pic = "pic\_bulbon.gif"**

**}**

**document.getElementById('myImage').src = pic;**

**}**

**</script>**

**<img id="myImage" src="pic\_bulboff.gif" width="100" height="180">**

**<p>**

**<button type="button" onclick="light(1)">Light On</button>**

**<button type="button" onclick="light(0)">Light Off</button>**

**</p>**

**</body>**

**</html>**

**A screenshot of a computer

Description automatically generated**