HTML Structure page:

<html>

<head>

<title> Example </title>

</head>

<body>

<h1> Example</h1>

<p> Example</p>

</body>

</html>

List Structure page:

<ol>

<li>Example</li>

</ol>

**OR**

<ul>

<li>Example</li>

</ul>

Nested List Structure page:

<ul>

<li>Example</li>

<li>Example 2

<ul>

<li>Example 3</li>

</ul>

</li>

</ul>

Definitions List Structure page:

<dl>

<dt>Example</dt>

<dd>Example 2</dd>

</dl>

Figure Caption Structure page:

<figure>

<img scr=”Example.jpg” alt=”An example” />

<br />

<figcaption> An example of an example</figcaption>

</figure>

Table Structure page:

<table>

<tr>

<td>test</td>

<td>test</td>

<td>test</td>

</tr>

<tr>

<td>test2</td>

<td>test2</td>

<td>test2</td>

</tr>

<tr>

<td>test3</td>

<td>test3</td>

<td>test3</td>

</tr>

</table>

Form information:

Sending out information from forms work with sending towards the server towards email or the database.

Internal CSS Structure:

<!DOCTYPE html>

<html>

<head>

<title> Exanple</title>

<style type =”test.css”>

body {

Font-family: arial

Background-color: rgb(185.179.175);}

h1 {

Color: rgb(255,255,255);}

</style>

</head>

<body>

<h1>Example</h1>

<p> This is a Test</p>

<body>

</html>

External CSS Structure

<!DOCTYPE html>

<html>

<head>

<title>Example</title>

<link href=”css/styles.css” type=”text/css” rel= “style sheet” />

</head>

<body>

<h1>Example</h1>

<p> This is a Test</p>

</body>

</html>

**WHAT THE LINK WILLL TAKE YOU: aka** <link rel="stylesheet" href="name of CSS file" type="text/css" /></style>

body {

Font-family: arial

Background-color: rgb(185.179.175);}

h1 {

Color: rgb(255,255,255);}

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Auto Format= Shift+Alt+F

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***Structure:***

<html></html> **Start and end of website.**

<head></head> **Start and end of browser top bar. Insert title, script, and styles here.**

<title></title> **Start and end of title. Goes inside the head but on-top of the browser.**

<body></body> **Whole words type in the website for paragraph and headings.**

<h1></h1> **Heading of page**

<h2></h2> **Subheadings of page (up to 6 headings)**

<p></p> **Start and end of paragraph on a page.**

<b></b> **Bold Text**

<i></i> **Italic text**

<sup></sup> **Superscript (22)**

<sub></sub> **Subscript (H20)**

<hr /> **Horizontal line break**

<br /> **Line Break**

<strong></strong> **Strong bolding**

<em></em> **Strong italics**

<blockquote></blockquote> **Blockquotes**

**Ex.** <blockquote cite=”http://www.examplesite.org”> <p>Example</p></blockquote> **Use for longer quotes that take up entire paragraph.**

<q></q> **quotations**

<abbr></abbr> **Abbreviation**

**Ex.**<abbr title=”National Aeronautics and Space Administration”>NASA</abbr> **Cutting the name short.**

<cite></cite> **Reference a piece of work**

<dfn></dfn> **New terminology**

<address></address> **Only use for contact details**

<ins> </ins> **Inserted word or underline**

<s></s> **Strikethrough**

***Lists:***

<ol></ol> **Number list**

<ul></ul> **Dot Bullet list**

<li></il> **Start list or sub-list items**

<dl></dl> **Start definition list**

<dt></dt> **Term**

<dd></dd> **Definition meaning**

***Links:***

<a href=></a> **Links**

**Ex.** <a href=“http://www.examplesite.com”>NameofLink</a> **Absolute URL (link to different website)**

**Ex.** <a href=”test.html”>Test</a> **Relative URL (link other pages in same website, but only in the same folder)**

**Ex.** <a [href=”**mailto:**test@example.org](mailto:href=)”>Email example</a> **Goes to email link.**

**Ex.** <a href=”http://www.examplesite.com” **target**”\_blank”>NameofLink</a> **Opens a new window**

**Ex.**<a href=”#top”>Top</a> and <h1 id=”top”>Top of page</h1> **Linking to a specific parts of the page or another page**

**Ex.**<a href=”Example.html”>Examples</a> **File in same folder (Grandparent)**

**Ex.**<a href= “Folder/Example2.html>Child Example</a> **File 1 folder down (Grandparent’s child)**

**Ex.**<a href= “Folder/Folder2/Example3.html>Grandchild Example</a> **File 2 folders down (Grandparent’s grandchild)**

**Ex.**<a href=”../Example.html”>Examples</a> **Files 1 folder up**

**Ex.**<a href=”../../Example.html”>Examples</a> **Files two folders up**

***Images:***

<img> **Add an image on a page**

src **Tells the browser where it can find the image file**

alt **Provides a text description**

**Ex.** <**img** **src**=”Example.jpg” **alt**=”An example” /> **Attributes to add the image**

**Ex.** <img src=”Example.jpg” alt=”An example” **title**=”An example of an example.” /> **Provides additional info of image.**

**Ex.** <img src=”Example.jpg” alt=”An example” width=”600” height=”450” /> **Increase or decrease size of image.**

Align **Position of the image on the site. Can position left, right, top, middle, and bottom.**

**Ex.** <img src=”Example.jpg” alt=”An example” width=”50” height=”50” **align**=”**right**” /> **Image Position.**

<figure></figure> **Contains both image and caption**

<figcaption></figcaption> **Caption on an image**

***Tables:***

<table></table> **Used to create a table**

<tr></tr> **Indicates a row in the table**

<td></td> **Indicates a data cell in the table**

<th></th> **Indicates a table heading**

<th scope=”col”></th> **Indicate heading for a column**

<th scope=”row”></th> **Indicates heading for a row**

<td colspan=”#”></td> **Expands the number of columns**

<td rowspan=”#></td> **Expands the number of rows**

***CSS Style Structure:***

<style></style> **Indicate that the styles are specified in CSS.**

<link /> Tells the browser which to find the CSS file used to style the page. Can be used in an HTML document.

href **Specifies the path to the CSS file**

type **Specifies the type of document**

rel **Relationship between the HTML page and the file it is link to. Always type in “stylesheet” when linking to a CSS file**

**Ex.**<link rel="stylesheet" href="session03.css" type="text/css" />**External Link**

**Ex.** <style type=”text/css”></style> **Internal Link**

{ } **A selector that targets all elements on the page**

**Ex.** p{}

**Ex.** h1{}

**Ex.** body {}

; **This semicolon applies when the line ends aka it ends at the value**

<div></div> **Divides large sections of the document**

id **Give an element a specific label**

**Ex.** <p **id**=”Example”></p>

<span></span> **Isolates inline elements**

class **A way to identify a number of different elements the same way**

.w{} **Class Selector**

**Ex.** <span class=”w”>Example</span>

#intro {} **ID Selector**

p a {} **Descendent selector applies to <a> but only that they are part of <p>**

**Ex.** h2 em {} ***h2* indicates the paragraph <p> or parent and *em* indicates emphasis or anchor <a> links or child**

::first-letter **Designates the first letter of whatever type of element we are applying the rule to.**

**Ex.** p:: first-letter **Indicates the first letter of the paragraph**