**HTML Elements**

**Instructions:** We will use this document to organize our information pertaining to the HTML elements that we will learn about this year.

**Definitions:** One of the most important aspects of the computer information field is that we can understand each other. Below are some terms that we must know to be able to communicate within our class.

*Syntax*: Rules that determine how instructions should be written.

*HTML Element*: One component within a HTML document, consisting of an open tag, a closing tag, and content in between them. All content must be contained as content within a HTML element.

<title>Title of the Webpage</title>

*Open Tag Content Closing Tag*

*Nesting Elements*: A HTML element that is the content for another HTML element. For example, the title element below is ***nested within*** the head element below.

<head>

<title>Title of the Webpage</title>

</head>

*Attribute*: Provides additional information about an HTML element

**Text Elements**: The following elements are used to format text on a webpage.

|  |  |
| --- | --- |
| **Element Name** | *h1, h2, h3, h4, h5, h6* |
| **Purpose** | These elements create a heading on the webpage. Headings having font sizes from small (h6) to large (h1) and are bold |
| **Syntax** | <h1> *Heading Name*</h1> |

|  |  |
| --- | --- |
| **Element Name** | p, b, i |
| **Purpose** | paragraph, normal text. |
| **Syntax** | <p></p> |

|  |  |
| --- | --- |
| **Element Name** | strong |
| **Purpose** | makes things bold within a paragraph |
| **Syntax** | <strong></strong> |

|  |  |
| --- | --- |
| **Element Name** | em |
| **Purpose** | emphasis! |
| **Syntax** | <em></em> |

|  |  |
| --- | --- |
| **Element Name** | anchor |
| **Purpose** | hyperlink to a website |
| **Syntax** | <a href="example.com">Example</a>  attrib. href: the URL for the hyperlink |

**Image Element:** The following element displays an image on a webpage

|  |  |
| --- | --- |
| **Element Name** | img |
| **Purpose** | images |
| **Syntax** | <img src="example.com/example.png"> |

**List Elements**: The following elements are used to create lists of data on a webpage.

|  |  |
| --- | --- |
| **Element Name** | ul |
| **Purpose** | defines the start and end of the list |
| **Syntax** |  |

|  |  |
| --- | --- |
| **Element Name** |  |
| **Purpose** |  |
| **Syntax** |  |

**Table Elements**: The following elements are used to create tables of data on a webpage.

|  |  |
| --- | --- |
| **Element Name** |  |
| **Purpose** |  |
| **Syntax** |  |

|  |  |
| --- | --- |
| **Element Name** |  |
| **Purpose** |  |
| **Syntax** |  |

|  |  |
| --- | --- |
| **Element Name** |  |
| **Purpose** |  |
| **Syntax** |  |