### **HTML stands for… Hypertext Markup Language**

Standard template:  
<!doctype html>  
<html>  
 <head>  
 <meta charset="utf-8">  
 <title>Page Title</title>  
 </head>  
 <body>  
 *Visible page content goes here...*  
 </body>  
</html>

### **HTML Tags & Elements** HTML tags are **elements** surrounded by **angle brackets**. <tagname> content goes here…</tagname>

* + HTML tags usually come **in pairs like <p> and </p>**.
    - Start tag, also known as **opening tag**.
    - End tag, also known as **closing tag**, written like the start tag, but with a **forward slash** before the tag name.
  + The HTML **tag** is everything from the start tag to the end tag  
    Example: <title>Page Title</title>

### **HTML Headings** HTML headings are defined using <h1> to <h6>. <h1> This is heading 1</h1> <h2> This is heading 2</h2> <h3> This is heading 3</h3> <h4> This is heading 4</h4>

* + <h1> defines the most important heading.
  + <h6>defines the least important heading.

***Don’t use headings to make text big or bold. Heading tags are for headings.***

### **HTML Paragraphs** HTML paragraphs are defined with the <p> tag. **Below write a paragraph introducing yourself using the proper tags.**

<!DOCTYPE html>

<html>

<body>

<p>

Hello, my name is Mikayla. I am currently a junior at La Quinta High School. My favorite TV show is Game of Thrones and I love boba.

</p>

<p>

Hello again, im still Mikayla. I still enjoy Game of thrones.

</p>

<p>

Hello again, im still Mikayla. I love Harry Potter. I have the Universal pass because my home is at Howarts. I also bought the Gryffindor robe and Hermione's wand.

</p>

</body>

</html>

### **HTML Line Breaks** A line break is defined by <br> the tag. Use <br> if you want to go on a new line **without** starting a new paragraph. Example: <p>This is <br> a paragraph <br> with line breaks.</p>

### **HTML Links** HTML links are defined using the <a> tag (called the anchor tag). Requires the href attribute. <a href="<http://www.laquintahs.org>">School Website</a> **Below create two links with the anchor tags.**

### <a href="<https://www.yelp.com/html/>">

### <a href=”https:www.amazon.com/html/”>

### **HTML Images** HTML images are defined using the <img> tag. Requires the src attribute. Optional attributes include width, height, or style <img src="home.jpg" alt="Home Logo" width="100" height="125">

### **HTML Attributes** All HTML elements could have attributes, which provide **additional information** about the element.

* + Written inside the **the start tag**.
  + attributename = "value"
    - Use double quotes around the value
    - Use lowercase for the attribute name

Common attributes:

|  |  |
| --- | --- |
| **Attribute** | **Description** |
| alt | Specifies an alternative text for an image, when the image cannot be displayed |
| disabled | Specifies that an input element should be disabled |
| href | Specifies the URL (web address) for a link |
| id | Specifies a unique id for an element |
| src | Specifies the URL (web address) for an image |
| style | Specifies an inline CSS style for an element |
| title | Specifies extra information about an element (displayed as a tool tip) |

### **HTML Horizontal Rules** “Horizontal rules are used to separate content or show a change in the page. Horizontal rules are defined by the <hr> tag.”

### **<pre> Element** <pre> element defines **Preformatted text**

### Text inside a <pre> element is displayed in fixed width font that preserves spaces and line breaks.