**What is HTML?**

* Stands for Hyper Text Markup Language
* This is used for creating web pages.
* Describes the structure of the web page
* Consists of series of elements.
* Tell the browser how to display the content.

**HTML Elements :**

* It is defined by a start tag, some content and end tag.

<tagname> content ...... </tagname>

**Nested HTML Elements**

**<html>**

**<head>**

**</head>**

**<body>**

**<h1> </h1>**

**<p> </p>**

**</body>**

**</html>**

* **Never skip the end tag.**
* **Some empty tags:**
* **The <br> tag defines a line break and is an empty element without a closing tag.**
* **HTML tags are not case sensitive.**
* **<P> means same as <p>**

**HTML Attributes**

<a> tag defines a hyperlink. The href attribute specifies the URL of the page the link goes to.

* Attributes provide additional information about the elements
* These are always specified in the start tag.
* These comes as : name=”value”

<a href=”.......”> </a>

Use target=”\_blank” to open the linked document in a new tab.

**<img>**

* Is used to embed an image in an HTML page.
* Src attribute specifies the path of the image to be displayed.
  + Relative URL : Image is hosted on the same website.
  + Absolute URL : Image is hosted on another website. (Then you will give complte url)
* Width , Height
* Alt
  + This specifies an alternate text for an image, if the image cannot be displayed due to some reason/ error.

1. Heading Tags
2. Image tag
3. Paragraph tag
4. Hyperlink tag <a>
5. <br> Line break
6. <hr> : Theamatic break and is most often displayed as a horizontal line. It is being used to separate the content in an html page. It is an empty tag.
7. <pre> - Preformatted text. It is displayed in a fixed width font and it preserves both spaces and line breaks.
8. <table> <tr> <th> <td>

|  |  |  |
| --- | --- | --- |
| **Header 1** | **Header 2** | **Header 3** |
| **1** | **Abc** | **12** |
| **2** | **Def** | **22** |
| **3** | **Ghi** | **21** |

**<tr> is for table row , <th>**

1. **Lists**
   1. **Unordered HTML List <ul> <li> bullets (small circles) by default.**
   2. **Ordered HTML List <ol> <li> items will be marked with numbers by default.**