# **HTML**

Html is Hyper Text Markup Language which is used to make structure of Web Pages

Html is used to Create your own website dynamically

Html is easy to learn

As Always when we create a html file it starts with a” <!DOCTYPE html> “ this is a case sensitive language

HTML ELEMENTS

* HTML element is everything to start tag to end tag:
* <Tagname> Content goes here ….</tagname>
* <h1> this is a heading tag which means most important things will be written here</h1> heading Tag
* Heading Tags all contain 6 tags h1 to h6
* NESTED HTml Elements
* Nested Html Elements contains html document consist of the elements all the html elements consist of nested html documents
* The following html elements contains <html> <title><body><h1><p>

The <html> element is the root element and it defines the whole HTML document.

It has a start tag <html> and an end tag </html>.

Then, inside the <html> element there is a <body> element

The <body> element defines the document's body.

It has a start tag <body> and an end tag </body>.

Then, inside the <body> element there are two other elements: <h1> and <p>:

The <h1> element defines a heading.

It has a start tag <h1> and an end tag </h1>

The <p> element defines a paragraph.

It has a start tag <p> and an end tag </p>

EMPTY TAGS

HTML elements with no content are called empty elements.

The <br> tag defines a line break, and is an empty element without a closing

HTML tags are not case sensitive: <P> means the same as <p>.

The HTML standard does not require lowercase tags, but W3C **recommends** lowercase in HTML, and **demands** lowercase for stricter document types like XHTML.

HTML Contains ATTRIBUTES

Href, src,width, height, alt

All the html elements contain attributes

Attributes provide additional information for the tags

Attributes are always specified in the start tag

Attributes usually come in a name/value pairs like: name =”value”

<a> a tag defines the hyper link</a>

But <a href=”link”> this href contains the https link which gives the additional information to the element a </a>

<Src> src in mainly used in the <img> tag which means image src means source of the images the src images specfies the path of the image

Img tag also contain the height and width attributes which means height of the image and width of the image.

Alt the alt attribute is also used in the img tag which means if in case if the image can not be open the alternate text has to print so alt tag is mostly used.

The Style attribute is used add the styles to an element such as color font size and more

The language attribute which specifies near the html tag which means the language you are going to used in the html document