HTML Lect # 1

* HTML stands for Hyper Text Markup Language
* HTML is the standard markup language for creating Web pages
* HTML describes the structure of a Web page
* HTML consists of a series of elements
* HTML elements tell the browser how to display the content
* HTML is not case sensitive, but better to use lower case for tags

What is an HTML Element?

* An HTML element is defined by a start tag, some content, and an end tag:
* <tagname> Content goes here... </tagname>
* <!DOCTYPE html>
* <html>
* <head>
* <title>Test.html</title>
* </head>
* <body>
* <h1>This is Heading 1</h1>
* <p>This is paragraph. </p>
* </body>
* </html>
* The <!DOCTYPE> declaration represents the document type, and helps browsers to display web pages correctly.
* It must only appear once, at the top of the page (before any HTML tags).
* The <!DOCTYPE> declaration is not case sensitive.
* The <!DOCTYPE html> is declaration for HTML5
* The <html> element is the root element of an HTML page
* The HTML document itself begins with <html> and ends with </html>.
* The <head> element contains meta information about the HTML page.
* The <title> element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab)
* The <body> element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
* The <h1> element defines a large heading
* The <p> element defines a paragraph
* <br> blank line. This is empty tag
* <hr> horizontal line. This is empty tag
* <!-- --> For comments

HTML Formatting

|  |  |
| --- | --- |
| **Element name** | **Description** |
| <b> | This is a physical tag, which is used to bold the text written between it. |
| <strong> | This is a logical tag, which tells the browser that the text is important. |
| <i> | This is a physical tag which is used to make text italic. |
| <em> | This is a logical tag which is used to display content in italic. |
| <mark> | This tag is used to highlight text. |
| <u> | This tag is used to underline text written between it. |
| <sup> | It displays the content slightly above the normal line. |
| <sub> | It displays the content slightly below the normal line. |
| <small> | This tag is used to decrease the font size by one unit from base font size. |