1.HTML stands for hyper text mark up language. Basically it gives a structure to a web page.

2.HTML elements are some tags which have starting tag, ending tag and some content in between.

# -Block &Inline elements:

* Block elements always starts with a new line.
* It takes the whole width of the page starting from left to right.
* Ex- <div>,<p> <section>,<video>,<ul> etc.
* Inline elements do not start with new line.
* It will take the width as required of the web page.
* Ex-<button>,<a>,<img>,<br> etc.

# -List of Elements:

* <HTML> : Defines as the root of the html document. All other elements used inside this element.
* <head> : It contains information about the document.
* <link> : It is used to establish connection between current doc to another doc. Mostly used to add css file.
* <style> : It is used to give style to current document. If you want to use <style> in same page, you have to use internal css for it.
* <title>: It defines the title of the document which gonna be showed in the browser.
* <body> : It defines the content of the document. Basically you can give your structure in here.

# 3. HTML Attributes:

* All HTML elements can have attributes.
* It’s used inside start tag of the element.
* Basically, it provides some additional information about elements.
* It is used as name: value format.
* Ex-<img> :tag is used to embed an image in an HTML page. The <src>attribute specifies the path to the image to be displayed.
* <img src=”123.jpg”>
* <a href=""></a>: a is used to define a hyperlink. Href is the attribute which defines the URL of the destination page.
* <img src=”123.jpg”, width=300px,height=400px>: here inside img tag, we use height,width and src attribute to give some additional property to the image.

# 4. HTML forms:

It is used to allow the user to enter data that is to be sent to the server for processing such as name, email address, password, phone number, etc. And a submit button is mostly used to submit all above datas to the server.

# 5.HTML5 Semantic elements:

Semantic elements have meaningful names so that developer can easily understand the content.

# 6.HTML Links and Images:

* <a> is used to give hyperlink which is used to link from one page to another.
* Href attribute is mostly used inside <a>.which indicates the link destination.
* Target: It is the attribute used to specify where to open the new page.

<Img> : We can insert image using img tag in below:

* <img src=”photo.jpeg” height=300px, width=400px alt=”photo”>

# 7. HTML Tables:

* HTML tables are used to arrange datas in rows and columns format.
* <th> used to give column names.
* <tr> is used to specify the row names.
* <td> is used to specify the table data to particular column.
* All these tags are used inside <table> to form a table structure.

# 8.HTML lists:

* It allows the developer to group a set of items as a list.

### Ordered list:

* Starts with <ol>. <li> is used inside to give the items.
* By default it lists in number.

### Unordered list:

* Starts with <ul>. <li> is used to set the list of items.
* By default its bullet form.

### Definition list:

* <dl> tag is used for it.
* <dt> and <dd> tags are used along with it.