HTML

* Hyper text markup language
* Html used to create web pages & web application
* Html is widely used language on the web
* We can create a static web page by html only
* Technically, html is a markup language rather than a programming language.

**Html element**

A html element is defined by a start tag ,some content, and end tag

<tag name> content goes here---</tag name>

<tag name> ----tag name

</tag name > --- end tag

**We can do html tags**

* **IDE**
* Vs code
* Note pad or note pad ++ or Jupiter
* technically an Element is a collection of start tag attributes, End Tag content b&w them

Eg:- <p> is starting tag of paragraph and </p> is closing.

tag of the same paragraph Element paragraph but <P> paragraph and </p> is paragraph element.

1)<!DOTYPE HTML> (self tag & No Ending Tag it will end by itself) The <!DOCTYPE html> declaration Defines.

That This Document is an HTML 5 Document

The <HTML>element is the root Element of an HTML Page. The HEAD element contains meta information about the HTML Page. The <title> Element specifies a title for The HTML page which is shows in Browser's title bar (or) in the Page tab.

The < body> Element defines the Document's body and is a Container for all the visible content, such as Headings paragraph, images, hyperlinks, Tables, list etc. The <h3> Element defines a Large Heading

The <P> Element defines a paragraph

case insensitive - html (on) HTML

<!DOCTYPE html>

<html>-start

</html> End

HTML page structure

<!doctype html> <Tells version of HTML 5thVersion

<html> <HTML Root element

<head> <used to contain page. HTML metedata

<title> page title </title> <- Title of Html page

</head>

<body> 🡨 hold conetent of html

<h2> Heading content </h2> <- HTML Heading rag

<p> paragraph content </p> < Html paragraph Tag

</body>

</html> <- close tag

We can use <!-- Comments->

<!-- There are six levels of Headings defines by HTML These Headings Elements are h1, h2, h3, h4, h5 &h6 with h1 being

a Highest level.

<h1> is used for the main Heading (Biggest in size)

<h2> is used for sub-Heading if there are further sections

<h6> for the small Heading (Smallest one)...

<!DOCTYPE html>

<html>

<head>

<title>page title</title>

</head>

<body>

<h2> Heading Content </h2>

<p> paragraph Content </p>

</body>

</html>

tag

<b> - Defines bold text

<em> - Defines emphasized text

<i> Defines Italic Text

<Small>-Defines smaller Text

<strong>-defines important Text

<sub>-Defines sub-scripted text

<sup>-Defines super-scripted Text

<ins>-Defines inserted text

<del>-defines deleted Text

<mark>-defines marked (Highlighted text)

V<sub> f</sub> Vf

a <sup>2</sup> a²

<!DOG TYPE html>

<html>

<body>

<p> My first paragraph

<b> Bold text</big> <br>

<big> Big Text </big> <br>

<center> Center Text </center><br>

<em> Emphasized text <lemy <br>

<Italic Text <li><br>

<small> small text </small> <br>

<strong> strong Text </strong> <br>

hii<sub> subscript Text </strong><br>

hii <sup> superscript text </sup> <br>

<del> Delete Text </del> <br>

<s> strike Text </s> <br>

<strike> strike Text </strike> <br>

<U> underline Text </u> <br> <

<blockquote> Long Quotation </blockquote><br>

<q> short QuotationText </q><br>s

<mark> python life </mark>

</P>

</body>

</html>

**Image and links**

<!DOCTYPE html>

<html>

<head>

<title> Image and Link</titles>

<head>

<body>

<img src="unnamed.jpg" height="180"

Width="300" alt = "animal image><P> click on <a href=http://www.python life.in/>

</body>

</html>

Links – 3 types

1) blue unvisited link

2) purple visited link

3) Red active link (govt or Job) (newly appear)

LIST

HTML list are used to specify lists of information.

All lists may contain one or more list Elements. There are three diff types of HTML List;

ordered list or Numbered list (ol)

un-ordered list or Bulleted list (ul)

Description list or Definition list(d1)

<ul type = "square">

<ul type="disc">

<ul type = "circle>

<ol type = "1"> -Default-case, Num. 1234562

<ol type = "I"> - upper case Numeric. ID

<ol Type = "9"> - lower Cas

<ol type=”A” upper-case letter ABCDEF

<ol Type = "a">- Lower-case letter abcde

**Unordered list**

<!DOCTYPE html>

<html>

    <head>

        <title>Html unorder List</title>

    </head>

    <body>

        <ul>

            <li>Banana</li>

            <li>watermelon</li>

            <li>pineapple</li>

            <li>potato</li>

        </ul>

    </body>

</html>

**Ordered list**

<!DOCTYPE html>

<html>

    <head>

        <title>Html order List</title>

    </head>

    <body>

        <ul type="square">

            <li>Banana</li>

            <li>watermelon</li>

            <li>pineapple</li>

            <li>potato</li>

        </ul>

    </body>

</html>

<!DOCTYPE html>

<html>

<head>

<title>HTML definition list</title>

</head>

<body>

<dl>

<dt><b>html</b></dt>

<dd>this stands for hyper text markup language </dd>

<dt><b>http</b></dt>

<dd>this stands for hyper text transfer protocal</dd>

</dl>

</body>

</html>

**Attribute**

1)HTML attributes. are special words which provider addition about The Elements or attributes are the modifier of the the element

2) Each element (or) tag Can have attributes, which defines The Behaviour of that Element

3) Attributes should always be applied with start tag

4) The Attribute should always be applied with its name And value pair

5) The attributes name and Values are Case sensitive it is Recommended by W3C That It should be Written in Lower Case and

6) you can add multiple attributes in one HTML Elemets but need to give space b&w two attributes"

<element attribute\_name = "value" > content <lelement>

<DOCTYPE html>

<html>

<head>

</head>

<h1>this is style attribute</h1>

<p style =”height:50px; color: blue”>it will add style property is element </P>

<p style = “color: red “ > it will change the color of content</P>