**HYPER TEXT MARKUP LANGUAGE**

**SRTUCTURE Of HTML**

< !DOCTYPE HTML >

< html >

< head >

< title >content< /title >  
 < /head >

< body >  
 < /body >

< /html >

* HTML ( Hyper Text Markup Language) is structured using a series of nested elements*,* each defined by tags
* Hyper Text Markup Language, is the standard markup language used to create and design documents on the World Wide Web. It is the backbone of web pages and is used to structure content on the internet

**HTML TAGS**

* DOCTYPE Declaration (`<!DOCTYPE HTML>`): It specifies the HTML version; typically indicates [**HTML5**](https://www.geeksforgeeks.org/html5-introduction/).
* <html>: The root element that encompasses the entire HTML document structure. It serves as the parent to both the <head> and <body> tags.
* lang attribute: Specifies the language using the “lang” attribute (e.g., lang=”en” for English
* <head>:Container for metadata, title, [CSS](https://www.geeksforgeeks.org/css-syntax/), scripts, etc.
* Content: While not directly displayed, it serves informational and structural purposes.
* <body>: A body tag is used to enclose all the data which a web page has from texts to links. All the content that you see rendered in the browser is contained within this element.

**HTML ELEMENTS**

* element is combination of tag, attribute and content given inside the tag
  + Example: <head> Hello Html </head>

**TYPES OF ELEMENTS:-**

**1.BLOCK LEVEL ELEMENTS:-**

Block Level: Block elements are meant to structure the main parts of your page, by dividing your content in coherent blocks wth full width.

EXAMPLES:

paragraphs <p>

lists: UL and LI

headings <h1> to <h6>, articles <article>

**2.INLINE-BLOCK ELEMENT:-**

The elements which occupies any required width and does not create a new line accepts width, height, margin and padding properties of css is known as inline-block elements.

EXAMPLES:

Image <img>

I frame

Button tag

**3.INLINE ELEMENT:-**

The elements which occupies only required width and does not create a newline does not accepts width, height, margin-top and margin-bottom, padding-top and padding-bottom, properties of css is known as inline element.

EXAMPLES:

<a>

Span

Formatting tags