**HTML (Hyper Text Markup Language)**

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It is most widely used language to write Web Pages, including

**Hyper -** refers to the way in which Web pages(HTML Documents) are linked together. When you click a link in a Web page, you are using hypertext.

**Markup Language** - describes how HTML works. With a markup language, you simplify "markup" a text document with tags that tell a Web browser how to structure it to display.

HTML use for creating web pages for sharing information

**History of HTML:-**

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HTML was invented in 1991 but www was invented in 1989 invented by Tim Bernes-Lee

HTML 5 was release on 2014

**Structure of an HTML:-**

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<!DOCTYPE html>

<html>

<head>

<title>Title of webpage</title>

</hrad>

<body>

<!--Other HTML Elements-->

</body>

</html>

**<!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).

**<html>** tag is represent a root of an html documents it is container for all other html elements

**<head>** containers metadata like title, character set, styles, links, script, etc. metadata is used to specify the metadata to provide browser and search engine with technical information about the webpage

E.g. <meta charset="UTF=8">

**<title>** is used to give title of the webpage

**<body>** all elements is used inside the body tag like <p>, <a>, <h1-h6>, etc.

**Elements in HTML:-**

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Elements in html defined by start tag, some content, end tag.

<tagname> Content </tagname>

E.g. <h1> Heading 1 </h1>

Empty Element

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HTML elements with no content are called empty elements.

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

HTML is Not Case Sensitive: <P> means the same as <p>.

Attributes in HTML:-

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* All elements can have attributes
* Attributes provide additional information about elements
* Attributes are always specified in the start tag
* Attributes usually come in name/value pairs like: name= "value"

e.g. <a href = "url"> Link </a>

Here href is the attributes specifying the URL of the link.

<img src = "img\_1.jpg" height= "100" width= "100">

here src, height, width are the attributes