**HTML** (Hyper Text Markup Language) is the most basic building block of the Web. It defines the meaning and structure of web content. Other technologies besides HTML are generally used to describe a web page's appearance/presentation (CSS) or functionality/behaviour (JavaScript).

HTML is HyperText Markup language.

* **HyperText** : The context of HTML ,refers to text that contain links or references to other text , image , or multimedia elements . These links, known as hyperlinks .
* **Markup :** HTML uses markup to add special elements to content, such as paragraphs, lists, images, and tables. These elements are set off from other text by tags, which are made up of the element name surrounded by < and >.

The basic structure of HTML

<!DOCTYPE html> //document type declaraton.

<html> //root element

<head> //contains meta data about the document

<title> title </title> // paragraph title

</head>

<body> //contains documents content

<h1>Page Heading</h1>// head line

<p>first paragraph</p> //paragraph

</body>

</html>

**HTML ELEMENTS :** 3 types

**ELEMENTS**

BLOCK ELEMENTS:

* These elements occupy a rectangular block of space on the web page and typically start a new line .They can contain other block elements or inline elements.

Ex: <p> ,<h1> to <h6> etc…

INLINE BLOCK ELEMEMTS:

* These elements combine characteristics of block and inline elements they occupy only the space needed, but can have margins padding and boarders.

Ex : image etc..

INLINE ELEMENTS:

* These elements occupy only the space needed to display their content and do not start on a new line .They can be nested with in block elements.

Ex:<a>, <img> etc..

HTML TAGS:

* Header tags ----------- <header>,<nav>,<h1-h6>.
* Content tags ----------- <p>,<img>,<video>,<audio>
* Semantic tags ----------- <article>,<section>….
* Link and interactive tags ----------- <a>,<input><select>…
* Table tags ----------- <table>,<tr>,<caption>…
* Form tags ----------- <form>,<legend>,<option>…
* Multimedia tags ----------- <embed>,<object>,<param>.
* Other tags…