**HTML :**

- Hyper Text Markup Language

- It uses Tags

- It has no syntax

**Note** : HTML is used to define the structure of a webpage, & CSS is used to style it. HTML is like a skeletal system of webpage.

**Basic Structure :**

<!DOCTYPE = html> *# For implying the web browser about document type*

<html>

<head>

(Metadata : Data about data)

- The containts of head is the collection of information on what to do with data inside body.

- All css stuffs and other operations need to be performed by browser are written here.

</head>

<body>

- The actual displayble information is written here.

</body>

</html>

**DOCTYPE :**

* Provides Web Browser the information on the type of document such that it can import libraries beforehand. Otherwise it reads the whole document and then determines the type of document, which is a waste of time.
* It is a good way of documenting the type of file for other users.
* The type of DOCTYPE notation also provides other user the information on the version of HTML used.

**Elements & Attributes :**

***Elements : -*** Every single displayable entity in the body of a webpage.

***Attributes : -*** Metadata / Charecteristics about the elements.

Example : The following entity as a whole is an element.

<tag\_name attribute1 = value1 , attribute2 = value2 , attribute3 = value3>

Contents

<\tag\_name>

Note : Sometimes , the content comes in the form of attribute itself –

e.g – 1. <img src = “ image location ”> *# image tag*

2. <br> *# brake line tag*

Above are some example of Empty HTML tags.

**Comments :**

Used to provide explanation to code.

Example : < ! -- This is comment syntax -->