**Hyper Text Markup Language**

Tim Berner’s Lee – 1991

He invented WWW – World Wide Web - 1989

Current version – HTML 5 – 2014

Filename.html / filename.htm -----Extension

HTML is used for creating website.

Website is a collection/combination of webpages. And, Set of webpages located under single name called website.

In 1993, HTML launched officially in global. 1st version

Types Of Websites:

1. Static – Only read – HTML, CSS, JS

Eg: Portfolio website

1. Dynamic – Read and update - HTML, CSS, JS, MySQL, PHP/Java/Python

Eg: Amazon, Flipkart

Hyper Text – Machine Readable text format

Markup – It means Structure and It tells webpage how to display and looks like.

To Learn HTML – Need:

1. Web Browser – to run/ execute html file
2. Code Editor / notepad – to type code here

HTML Definition code

HTML Divide into 3 parts

1. Tags
2. Element
3. Attribute

**Tags** – starts with < less than or left angle bracket

Ends with > greater than or right angle bracket

If it is ending tag add / slash.

Eg: <a> - starting tag

Eg: </a> - ending tag

**Element** – Whatever written within starting tag to ending tag is called as Elements.

<p> Paragraph Tag </p>

Here, Paragraph Tag is – Element

**Attribute** – Describe the characteristics of html element.

<img src=”C:User/Onedrive/Desktop/HTML.jpg”>

< a href= “<https://www.google.com>” target=”\_blank”>Google </a>

< a > --- starting tag

-href – hypertext reference – attribute

<https://www/google.com> - attribute value

Google - Element /content

</a> --- Ending tag

Website Categories Below:

1. Business website – Infosys, Wipro, etc
2. Learning/Education – Udemy, Great Learning, etc.
3. E-commerce - Flipkart
4. Government
5. Social Media
6. Video Streaming
7. Search Engine
8. Blog/Portfolio
9. Landing Page

HTML Basic Structure Diagram – Semantics Tags

**Header**

**Footer**

**aside**

**article**

**section**

**Nav**