**HTML**

HyperText MarkUp Language

**HTML:** HTML is a markup language used to build static web pages by structuring text, images, links, and other content without any server-side or dynamic processing.

**Programming Language**

A programming language is used to write instructions that a computer can execute.

### ****Markup Language****

A **markup language** is used to **define the structure and presentation of content,** not logic**.**

**Web Page:** A **webpage** is a **single page you see on the internet.**

**Website:** A **website** is a **collection of related web pages** that are connected and accessed through a **single domain name.**

**Basic structure of HTML:**

|  |
| --- |
| <!DOCTYPE html>----Document type declaration  <html>------root element  <head>----to store some imp information  <title> </title>  </head>  <body>-----to write whatever we want  <h1> h1>------heading tag  <p>.</p>-----paragraph tag  </body>  </html>- |

**<!DOCTYPE.html> :**It tells the browser to **render the page using modern HTML5 standards**. This ensures consistent and correct display across different browsers.

**What if we remove it :**Complexity issues from browswe to browser.

**Why we use <!>:**to not consider the it as tag

The **!** marks it as a declaration, so the browser **knows it’s not an HTML element like** <div> **or** <p>, but metadata about the document.

**Tags:**

**Paired tags :** paired tags are nothing but tags which contain both opening and

Closing tags.

**Unpaired tags:** Unpaired tags are nothing but tags which contain only opening tag.