**Web Development Ethics**: Trustworthiness, Privacy, Security.

**Intellectual Property Rights** – refers to the creation of the mind.

**Copyright** - the legal right of the owner of I.P.

**Introduction to HTML**:

**HTML** – stands for Hypertext Markup Language. Used to create pages viewable on the web. Invented in 1989 by Tim Berners-Lee (creator of the first browser and server).

**Text Editors** **–** Notepad ++, Sublime Text, Visual Studio Code.

**HTML Structure –** HTML documents are divided into 2 parts the head and body.

**Structure Style:** 1 <!DOCTYPE html>

2 <html>

3 <head>

4 <title>

**Structuring Text Content in HTML**

**Heading tag** - <h1> to <h6>

**Paragraph tag** - <p>

**Line Break** - <br/>

**Preformatted tag** – <pre>

**Text Formatting Tags**

<**b**> - bold text; <**strong**> important text

<**i**> - Italic text; <**em**> emphasized text

<**mark**> - marketed text

<**small**> - smaller text

<**del**> - deleted text

<**sub**> subscript text; <**sup**> superscript text

**HTML Tags** – Used to identify elements within documents. Tells the browser how to process content. Tags are made using <, >.

**Types:**

**Container Tags** – opening / closing. Examples: <p> This is a paragraph (p) </p>,

**Empty Tags** – No closing. <br>, <br>

**Cascading Style Sheets (CSS)** – is a language used to style web pages. Works on HTML to separate division of style (CSS attributes and values) and content (HTML elements), making websites and style sheets easier to share and manage.

**HTML Lists**

**Unordered List** - It is a list of related items without order. By default, the items are listed with bullets (•).

**Ordered List** – It is a list of related items with order. By default, the items are listed with Hindu-Arabic numerical (1,2,3).

**Nested List** – List inside of list.

**Description List** – Used to outline terms with descriptions.

**Links or Hyperlink** – Are used to jump across to another web within a web (Internal) or outside a website (External).

**Internal CSS** – Applying CSS to lists, links and images.

**Syntax** - h1 - Propery, Value, Property, Value

**Target Values**