**Day - 01**

**HTML Introduction**

**What is HTML?**

Hyper Text Markup Language. It is used in creating a web application in structural manner (i.e., there are N no.of.tags to design a website)

**How to start HTML Code?**

Open Visual Studio Code -> Create a file as *Name*.html and type ! so the syntax of HTML Program appears

**<!DOCTYPE html>**

defines that this document is an HTML5 document

**What are HTML Elements?**

An HTML element is defined by a start tag, some content, and an end tag: <**tagname> Content goes here... </tagname>**

<h1></h1> - First Heading

<p></p> - Paragraph

<br> - break (text appears in next line)

<hr> - Horizontal Line

**Where will be the CSS Loaded?**

Header section

**HTML Editors**

In **Notepad** also we can run the HTML program by saving the file as Name.HTML & Run it in the web browser

**H1 to H6 (There are 6 tags)** , H1 Tags will be used only 1 time for the website

**HTML Attributes**

**HTML Links -**  A tag is used to implement Hyperlink

< a href = “Link”>Topic</a> (a -> Anchor Tag, href -> url)

**HTML Images** <img src >.....</img>

Src -> Attribute (Object Fit Command) in CSS, Image Path i.e., Using CSS we can overwrite

**alt Attribute -** alternate text for an image

**Style Attribute -** style="color:red;"

**Lang Attribute** - to declare the language of the Web page.

**Title Attribute** - The value of the title attribute will be displayed as a tooltip when you mouse over the element

**HTML Headings**

HTML headings are defined with the <h1> to <h6> tags.

**HTML Paragraphs**

The HTML <p> element defines a paragraph.

The HTML <br> element defines a line break. (<p>This is<br>a paragraph<br>with line breaks.</p>)

The HTML <pre> element defines preformatted text.

The text inside a <pre> element is displayed in a fixed-width font (usually Courier), and it preserves both spaces and line breaks.

**HTML Styles**

The HTML style attribute has the following syntax:

<tagname style="property:value;">

**HTML Formatting**

<b> - Bold text

<strong> - Important text

<i> - Italic text

<em> - Emphasized text

<mark> - Marked text

<small> - Smaller text

<del> - Deleted text

<ins> - Inserted text

<sub> - Subscript text

<sup> - Superscript text

**HTML Quotations**

The HTML <q> tag defines a short quotation.

<blockquote> element defines a section that is quoted from another source.

The HTML <bdo> tag is used to override the current text direction

he HTML <abbr> tag defines an abbreviation

**HTML Comments**

<!-- Write your comments here →

**HTML Colors**

RGB - 0,0,255 (Blue Color)

HEX Value - #fffff (White)