# Assignment 1

#### HTML

MTHL (Hyportext Markup Language), is the standard language used to create and design webpages. It provides the basic structure of a webpage, which is then enhanced and modified by other itechnologies like CSS and JavaScript.

## NTML Structure and Basic Tago

1. DOCTYPE Declaration <! DOCTYPE Html > : Specifies the document type and NTML vension.

#### 2. MML Document Structure

<html>: Root element of an NTML page.
<head>: Contains meta-information like title, character set, and links to CSS

chody > : Contains the content of the MTML document.

# Meta and Head Elements

1. Meta Tago ta Tago <meta charset = "UTF-8" > : Defines the character encoding <meta charset = "viewport" content = "width = deviu-width, initial-scale = 1.0" > Responsive design sittings

2. Title and Links

### Content Sectioning

- 1. Headings \_ <h6>; Defines headings, <h1> being the highest, <h6> the lowest
- 2. Paragraphs Lps: Defines a paragraph

3. Lists zuls: unordered list < ordered list</p>

List item

4. Div and Span

cdivs: Block level container for grouping condent
cspans: Inline container for otyping a part of the text

## Text Formatting

1. Bold and Italics

estrongs: Important dext zem>: Emphasized text

2 Other Formatting

Cbs: Bold text ci>: Italic dext

<u>> : Underlined text

#### Links and Media

1. Hyperlinks <a horef= "url"> : Creates a hyperlink

Zing soc = "inagripg" alt = "dexreption" > : Embeds on image 2. Images

#### Tables

1. Table Stoucture

etables: Defines a table

ctos: Table row

Ztd>: Table cell

: Table header cell

2. Additional Table Tags

< theads: Table header

2 Hoodys: Table body

< 1/0 ot>: Table footen

forms and Inputs

1. Form Element < form > : Defines a form for usur input

2. Input Types cinput type= "text"> ! Text input cinput dype="formord"> : fammard input < injut dype= "submit"> : Submit bullon < input type= "radio"> : Radio button < input type= "chockbox"> : Checkbox

3 Labels and Buttons

< label > : Defines a label for on input element <br/>

## Semantic Elements

1. Main Content

<main> : Specifies the main content of the document

carticle>: Independent content item

2. Navigation and Footen

< nous : Nowigation links</p>

< fooder section</pre>

## Multimedia

1. Audio and Video

Zaudio Drc="audio.mp3" controlo> : Embedo audio <video prc="video.mp4" controls>: Embedo video