## ASSIGNMENT 1 Introduction to HIML

HTM2 or Hypertext Markup Language, serves as the backbone of web development, enabling the creation of structured & visually appealing web pages.

- 1. HTML Document Structure
  - · < ! DOCTYPE htmly: Declaration specifying the HTML version
  - · (html): Encloses entire HTML document
  - , Basic Tags:
    - · (head): Contains metadata like title 4 links to external recources.
    - · < title>: Sets the title of document
    - · (body): Contains visible content of document
    - e.g. < head>

(/body)

- 3. Text Foundting
  - · <h1> to <h67 : Defines headings of different levels.
  - · (P) : Repuesents a paragruph.

e.g. <h17 Main (/h1) P Paragraph

4) Text Styling:

· (em): Emphasizes text

· (strong): Indicates streng importance

· (U), (b), (i): Underlines, bolds & Halicras text

e.g. (p) (em) Emphasized (/em) & (strong) Strong (/strong) text (/b)

5) Lists:

· ¿ ul> : Defines an unordered list

· : Defines an ordered list

· </i>
. Reperesents a list item

ej.

<l

```
1) Links & images
  · (a): Creates hyperlinks
   · (ing): Embeds images
   e.g.
     (a here = " https:// abc.com" > Link (/a)
     (ing suc= a . jpg alt= "Description")
7) Tables
    · (table), (th), (th):
       Create tables, nows, cells & headers respectively
      ej. (table)
              (th)
                (th) Header 1 (/th)
                (thy Header 2 (/th)
              (/thy
               ( buy
                  (td) Data 1 (/td)
                 (td) Data2 (1td)
              (1+47)
             (/table)
        Folens
   8)
         (form), (input), (label) , (button)
          Enable four vication with input fields, labels of
```

button.

```
(four)

(four)

(four)

(Iakel for= "useuname" > Useuname: (/lakel)

(input type="text" id="useuname" name="useuname")

(button type="submit" > Submit </button>

(four)
```

- 9) Semantic tags. Contribute semantic meanings to document sections
  - · (header)
  - · (footer)
  - · Lnaw
    - · (auticle)
    - · (seetion)
    - · (aside)
      - · Lmain>
    - es (headen) (!-- Content-7

( / header)

(16) Commente:

(!-- Comment -- 7: allows developers to add womments

within HTML code

es-LI -- This is a comment -- 7