

HTML DAY 2

- Today's schedule:
 - 1- Review of important topics from previous class
 - 2- Learn and practice more of the commonly used important tags

- What is front-end?
 - What user sees and interacts with is called front-end of a web application.
 - GUI : Graphic User Interface
 - UI : User Interface
- What is back-end?
 - Back-end is everything other than the front-end.
 - Back-end constructs all the business logic, and calculations, and performance etc.
 - Database, Servers, API
- What is HTML?
 - HTML is HyperText Markup Language
- What is HTML used for?
 - HTML is used to create certain structure for the web applications.
- Is HTML a programming language?
 - No. It is a mark up language.
- What is a mark up language? ***
 - Markup languages are created using mark-up tags.
- What is a mark up tag?
 - Mark up tags are containers that determine how the content of given element will be displayed.

"This is my text."

<p> "This is my text." </p>

<h1> "This is my text." </h1>

<h6> "This is my text." </h6>

- How many different types of TAGS we have?
 - 2 types of tags.

#1- Paired tag:

- Paired tags have an opening and closing.

syntax:

`<openingTag> text goes here </closingTag>`

ex: p, h, ul, ol, li, strong, em, u, html, body, head

#2- Unpaired tag:

- Unpaired tags, aka, SELF CLOSING tag.
- It has only 1 part.

`</selfClosing>`

ex: `</br>`, ``

- What kind of structure every html page must follow?

- 1- Doctype declaration
 - 2- `<html> </html>` : this is parent/ascendent of all web elements
 - 3- `<head> </head>` :
 - Everything that is not supposed to be displayed on the page
- ex : links, title etc.

- 4- `<body> </body>`
 - Everything we want to display on the page goes in the body tag.

- What is `<title>` tag, and why is it used?

- Title is what comes up when we search something in a search engine
- Title defines different pages of a web application
- Title is only displayed in the browser tab visually
- It is not in the body itself.

- p:

- p tag is used for paragraph creation.
- it is a block element

- What is block element?

- Block element means the element will take all the space from left to right side of the html page.

- h:

- goes from h1-h6
- used from bigger to smaller headers

- What is an ATTRIBUTE?

- Attributes provide additional information about the given tag.
- We can have as many attributes as we want.

- Attributes will always go inside of the opening tag itself.

```
</img src="">
```

```
<p attribute="value"> text here </p>
```

syntax:

```
<openingTag attributeName1="attributeValue1"
attributeName2="attributeValue2"> text </closingTag>
```

ex: <p style="color:red"> Today is a good day. </p>

#1- What is the tag we use for this example?

- <p>

#2- What is the text of the given web element?

- Today is a good day.

#3- What is the attribute name we used in the given web element?

- attribute name = style

#4- What is the attribute value?

- color:red