

WELCOME

FULLSTACK WEB DEVELOPMENT

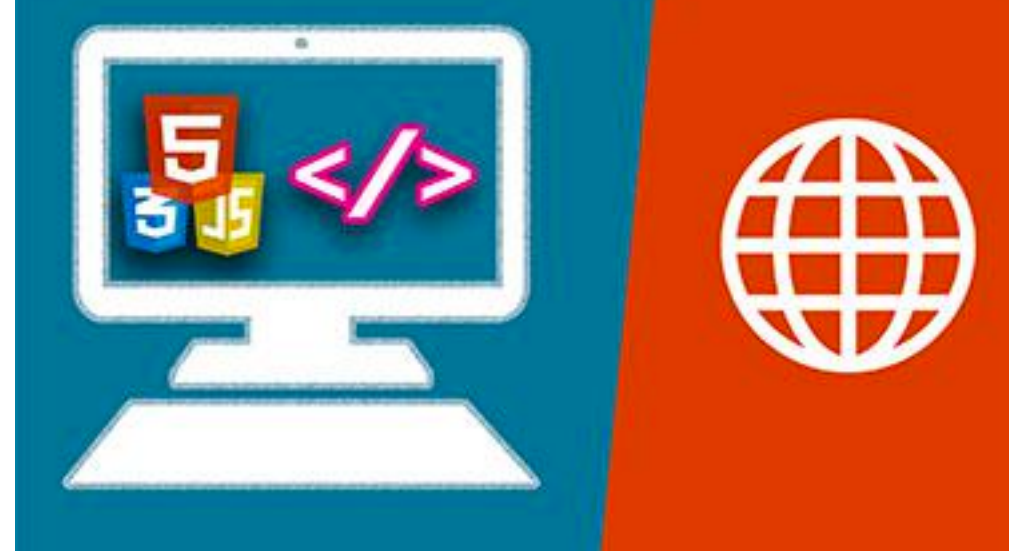
Wi-fi: CA-Guest

pw: happyLife

FSWB

LESSON 02

HTML BASICS



What we will cover

- Understanding HTML
- Learning HTML syntax
- HTML Elements and Structure
- Special characters
- Adding web and email links
- Adding images and video
- Finding icons and other graphics
- Making clickable images
- Tables
- Forms
- HTML5



HTML

HTML - Is stands for **Hyper Text Markup Language**.

HTML is not a programming language, it's a **Markup Language**.

Markup Languages is a set of **markup tags**. HTML uses markup tags to describe web pages.

HTML is **not a case sensitive** language

HTML document contain html tags and plain text.

Basic HTML Template

```
<!DOCTYPE html>
<html>
<head>
  <title> HTML Template </title>
</head>
<body>
  <h1> Main Heading Here </h1>
  <p> Paragraph here. </p>
</body>
</html>
```

- **<!Doctype html>** - It's an instruction to the web browser about what version of the markup language the page is written.
- **<html>** - Describe html web page to viewed by a web browser.
- **<head>** - Is a container for metadata of the html document. Ex - title, character set, styles, links, scripts
- **<title>** - Defines a title in the browser tab.
- **<body>** - Defines everything the user see on the browser.

HTML Tags

- Tags are enclosed in <angle brackets>
- The closing tag has the forward slash </tag>
- Tags can be upper or lower case but lower case recommended

Ex- <div></div>, <p></p><html></html>

Attributes

- All HTML elements can have **attributes**
- Attributes provide **additional information** about an element
- Attributes are always specified in **the start tag**
- Attributes usually come in name/value pairs

Ex- <div **class**="container"></div>

Other Tags

- <p>paragraph</p>
- <h1>Main Header</h1>
- <h6>sub Header</h6>
- <div>content</div>
- <hr>
-

-
 Unordered list
 Unordered list

-
 Ordered List
 Ordered list2

- <dl>
 <dt>Term1 </dt>
 <dd>description </dd>
 </dl>
- Link
-

Semantic Markup

Semantic elements - is giving content meaning and structure to both browsers and the developer.

- <article>
- <aside>
- <details>
- <figcaption>
- <figure>
- <footer>
- <header>
- <main>
- <mark>
- <nav>
- <section>
- <summary>
- <form>
- <table>
- <video>
- <audio>

Additional features

- Local storage
- Session storage
- Google map
- Geo location
- Accessibility