

# Software Development (week 3)



For week 3, we'll get hands-on and dive into the building blocks of software development: HTML! HTML stands for Hypertext Markup Language, and it's the fundamental code that defines the structure and content of web pages. By the end of this week, fellows will be able to create basic, functional web pages using HTML and have a solid foundation for further exploration in software development!

## Learning Objectives for the week

At the end of this week you should be able to;

- ★ Learn how to compose a valid HTML document using the appropriate `DOCTYPE`, `html`, `head`, and `body` tags.
- ★ Define the role of elements, tags, and attributes in structuring web content.
- ★ Utilize at least 5 different HTML elements such as headings (`<h1>` to `<h6>`), paragraphs (`<p>`), lists (`<ul>`, `<ol>`), links (`<a>`), and images (`<img>`).
- ★ Learn how to apply HTML attributes (e.g., `href`, `src`, `alt`, `title`, `target`) to modify the appearance and behavior of HTML elements.
- ★ Explore the importance of accessibility attributes, like `alt` for images, in creating inclusive web experiences.



# Software Development Week 3



## Online Learning Modules

This is the online module that you have to complete this week.

**Module 2:** Understanding HTML code: [Click Here](#)

## Additional Resource links

1. [Click here](#) - Text
2. [Click here](#) - Video



## Weekly Applied Learning Assignment

For this week, complete the following tasks and submit your work through the portal. Take a screenshot of your completed web page, insert it into a Google Slide, and share the slide's link.

### Assignment 2: Building a Web Page with HTML

- **Task:** Create a simple web page using HTML that includes the following elements:
  1. Add a header with a title (`<h1>`) and a subtitle (`<h2>`).
  2. Write a formatted paragraph (`<p>`) using `<strong>` or `<em>` to emphasize text.
  3. Insert an image (`<img>`) with `alt`, `width`, and `title` attributes.
  4. Create a list (ordered or unordered) with at least one nested list.
  5. Add an internal link within the page and an external link that opens in a new tab.

