

Assignment 1

Introduction to HTML

• Deliverable 1

* HTML Key Concepts Cheat Sheet

(1) HTML Basics:

- HTML (Hypertext Markup Language) is the standard language for creating web pages.
- Consists of elements enclosed in tags, forming the structure of a webpage.

(2.) Document Structure:

- '`<!DOCTYPE html>`': Defines the document type and version.
- '`<html>`': Defines the root element of an HTML Page.
- '`<head>`': Contains meta-information about the document.
- '`<title>`': Sets the title of the document displayed in the browser.
- '`<body>`': Contains the visible content of the document.

(3) Text Formatting:

- '`<h1>`' to '`<h6>`': Defines headings of decreasing sizes.
- '`<p>`': Defines a paragraph.
- '``' or '``': Indicates strong importance.
- '``' or '`<i>`': Indicates emphasis.

4. Links and Images:

- '`<a>`': Creates a hyperlink to another webpage or resource.
- '``': Inserts an image into the webpage.

5. Lists:

- '``': Defines an unordered (bulleted) list.
- '``': Defines an ordered (numbered) list.
- '``': Defines a list item.

6. Tables:

- '`<table>`': Defines a table.
- '`<tr>`': Defines a table row.
- '`<td>`': Defines a table cell.
- '`<th>`': Defines a table header cell.

7. Forms:

- '`<form>`': Defines an HTML form for user input.
- '`<input>`': Defines an input control.
- '`<button>`': Defines a clickable button.

8. Semantic Elements:

- '`<header>`': Represents a header for a document or section.
- '`<nav>`': Defines navigation links.

- '`<main>`': Contains the main content of a document.
- '`<footer>`': Defines a footer for a document or section.

9. Comments:

- '`<!-- Comment -->`': Allows developers to add comments within HTML code for clarity.

10. Miscellaneous:

- '`<div>`': Defines a division or section in an HTML document.
- '``': Defines a section of text with no specific meaning.
- '`
`': Inserts a single line break.
- '`<hr>`': Defines a thematic break b/w paragraphs.