**ASSIGNMENT 1**

**Aim**

Design the front pages of a website using HTML and CSS properties.

**Hardware Requirements**

* At least 1 GHz processor
* 1 GB of RAM
* Hard drive with at least 10 GB of space

**Software Requirements**

**Text Editor**

* **Text Editor:** Notepad (6.4 and above)
* **Web Browser:** Chrome (41 and above)

**Knowledge Requirements**

* Basic knowledge of HTML and CSS
* Understanding of web design principles
* Ability to use a text editor and a web browser

**Theory**

HTML functions as a markup language employed for crafting web pages. It adopts a text-based approach, utilizing tags to outline the arrangement of a webpage. These tags, contained within angle brackets (< >), play the role of identifying distinct constituents of a webpage, including headings, paragraphs, images, and hyperlinks.

CSS, on the other hand, serves as a style sheet language aimed at managing the visual presentation of web pages. Although distinct from HTML, CSS frequently teams up with it to forge web pages that are both visually appealing and operationally effective. CSS properties are harnessed to regulate attributes like size, color, font, and other characteristics affecting the visual aspects of HTML components.

Foundational HTML Tags:

<html> tag: Designates the inception and culmination of an HTML document.

<head> tag: Encloses document details like the title and CSS styles.

<body> tag: Contains the document's content, encompassing text, visuals, and hyperlinks.

<h1> tag: Specifies a first-tier heading.

<p> tag: Defines a paragraph segment.

<img> tag: Outlines an image element.

<a> tag: Describes a hyperlink.

Fundamental CSS Properties:

color: Alters the color of an HTML component.

font-size: Adjusts the font dimensions of an HTML component.

font-family: Sets the font type for an HTML component.

text-align: Establishes text alignment within an HTML component.

background-color: Determines the backdrop color of an HTML component.

**Code & Output**

**Conclusion**

To sum up, I hold the view that HTML and CSS stand as vital languages in the realm of designing and enhancing web pages. Through my learning journey, I've grasped that these languages empower me to construct websites that blend functionality with aesthetic charm. Recognizing that a website's front-end serves as the initial encounter for visitors, I'm committed to crafting captivating and well-structured front pages. With a solid understanding of HTML and CSS, I am optimistic about my ability to fashion a front page that leaves a positive and lasting impact.

**References**

* W3 School HTML Tutorial : <https://www.w3schools.com/html/>
* W3 Schools CSS Tutorial: <https://www.w3schools.com/css/>