Introduction to html

Difference Between HTML vs CSS vs JavaScript

Feature	HTML	CSS	JavaScript
Stands for	Hypertext Markup Language	Cascading Style Sheets	JavaScript
Purpose	Defines content and structure of web pages	Defines styles and layouts for web pages	Adds interactivity and behavior to web pages
Type of Language	Markup Language	Style Sheet Language	Programming Language
Syntax	Uses tags to define elements and attributes	Uses selectors and declarations to style elements	Uses statements and expressions to perform actions and calculations
Role	Defines content and structure of web pages	Enhances the presentation of web pages	Adds functionality and interactivity to web pages
Examples	<html>, <head>, <body>, <p>, <img>, etc.	color, font, margin, padding, etc.	if/else statements, loops, event handlers, etc.

Hypertext Markup Language (HTML) :

HTML is a markup language used to describe the content and structure of a webpage. It uses a set of tags and attributes to define the structure of the content, such as headings, paragraphs, links, images, tables, and forms. The HTML code is interpreted by the browser to render the webpage, and it tells the browser how to display the content and where to position it on the page.

Example :

HTML

```html
<!DOCTYPE html>
<html>
<head>
<title>Document</title>
</head>
<body>
<h1>My Heading</h1>
<p>Lorem ipsum dolor sit amet consectetur adipisicing elit. Iure sit,
nam commodi quasi vel facilis molestias? Quis aut doloribus maiores
illo repellendus. Facilis harum repudiandae, ullam reiciendis numquam
nobis? Commodi repellat illum fugiat nesciunt. Reiciendis, illo quas
corporis nesciunt suscipit excepturi! Sit autem ut reprehenderit. Rem
temporibus exercitationem id. Autem explicabo veniam quod deserunt
alias quisquam officiis accusamus, voluptatum repellendus neque
eligendi officia unde dolorum possimus natus corporis iste reiciendis
fuga, quam est velit voluptatem facilis laudantium eaque! Veniam
beatae repudiandae quibusdam blanditiis eum, aut, doloribus earum
adipisci temporibus non ea quasi impedit perferendis doloremque
consequuntur accusantium dolore deleniti sint!</p>
</body>
</html>
```
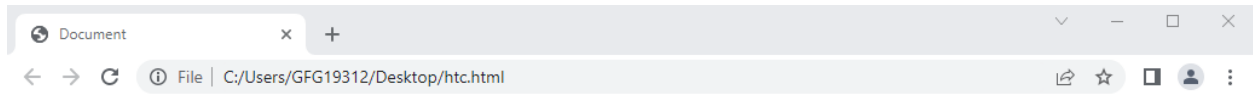
Output :

Output

Steps To Install Visual Studio Code :

1. Go to the official website of Visual Studio Code (https://code.visualstudio.com/) and click on the "Download for Windows" button if you are using a Windows operating system. If you are using a Mac or Linux operating system, click on the respective buttons.

2. Once the download is complete, double-click on the downloaded file to start the installation process.

3. Follow the instructions on the screen to complete the installation process. During the installation, you can select the destination folder, start menu folder, and other settings as per your preference.

4. Once the installation is complete, open Visual Studio Code by double-clicking on the shortcut on your desktop or by searching for it in the Start menu.

5. Visual Studio Code is now ready to use. You can start coding by creating a new file or opening an existing one.

Steps to install the Live Server extension in Visual Studio Code :

1. Open Visual Studio Code.

2. Click on the Extensions icon on the left-hand side of the window.

3. In the Extensions panel, type "Live Server" in the search bar.

4. The Live Server extension should appear in the search results. Click on the "Install" button next to the Live Server extension.

5. After the installation is complete, you should see an option to "Open with Live Server" in the bottom right-hand corner of the editor window.

6. Click on "Open with Live Server" to start the server and view your web page in the browser.