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Assignment 1

Aim: Develop a Web Application by using HTML tags.

Theory: HTML is the standard markup language for creating Web pages. HTML stands for Hyper Text Markup Language

- HTML is the standard markup language for creating Web pages
- HTML describes the structure of a Web page
- HTML consists of a series of elements
- HTML elements tell the browser how to display the content
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

Elements:

The HTML **element** is everything from the start tag to the end tag:

<tagname>Content goes here...</tagname>

Examples of some HTML elements:

<h1>My First Heading</h1>

My first paragraph.

The core tags of HTML are:

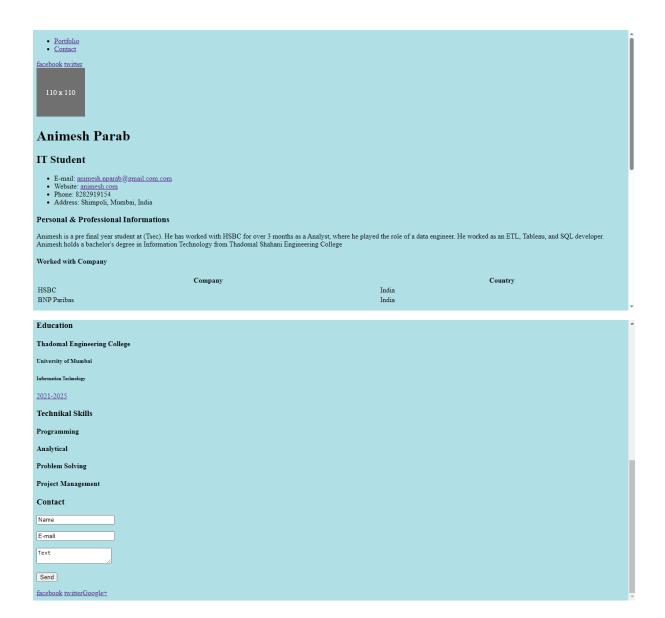
- 1. <html>: Denotes the beginning and end of an HTML document.
- 2. <head>: Houses meta-information about the page, such as the title and links to external resources.
- 3. <body>: Encloses the visible content of the page, such as text, images, and multimedia.
- 4. <h1> <h6>: Define headings in descending order of importance.
- 5. : Represents paragraphs of text.
- 6. <a>: Creates hyperlinks to other web pages or resources.
- 7. : Embeds images into the page.
- 8. and : Establish unordered and ordered lists, respectively.
- 9. : Represents individual items within lists.
- 10. <div> and : Generic containers for grouping and styling elements.

These tags form the building blocks for constructing the structure and content of web pages in HTML.

Implementation:

We Have Created a simple static website that consists of 5 pages. It is a Site called "Hindustani Classical Music and Its Components". We used many elements and tags such as paragraph tag, heading tag, image, audio, video, iframe and tables etc.

Listed Below are the screenshots of our website:



Conclusion:

We created a simple, static website only using vanilla HTML. Other important tools like CSS, Javascript were not used, hence the website looked bad and tacky. Therefore in our next assignment we will use CSS to style and beautify our website.