Day 1 - [19th June 2025]

TOPICS COVERED (HTML BASICS):

Introduction to HTML: Learned the purpose and foundational role of HTML in structuring web pages. It forms the skeleton of any website.

Basic Structure of an HTML Page: Explored key structural tags like <!DOCTYPE html>, <html>, <head>, and <body> which define the layout and metadata of a web page.

HTML Elements: Understood various tags that define content, such as <p> for paragraphs, <a> for links, <img> for images, and many others.

Attributes: Learned how to enhance elements using attributes like href, src, and alt to provide additional information or functionality.

Headings & Paragraphs: Used heading tags <h1> to <h6> to organize content hierarchically, and <p> for paragraphs to structure text.

Links: Created hyperlinks using the <a> tag to connect to other web pages or external websites.

Images: Embedded images using the <img> tag, with src for image path and alt for alternative text for accessibility.

HTML Lists: Implemented ordered lists (<ol>) and unordered lists (<ul>) using <li> elements to display items neatly.

Tables: Structured tabular data using <table>, <tr> (table row), <td> (table data), and <th> (table heading).

Forms: Used the <form> tag to collect user inputs for submission, forming the basis of interactive web applications

Input Types: Experimented with various input types such as text, password, email, and number for form fields.

Labels & Buttons: Paired inputs with <label> tags for clarity and used <button> to trigger actions.

HTML5 Semantic Elements: Explored semantic tags like <header>, <footer>, <section>, and <article> for better readability and SEO-friendly structure.

TOOLS USED:

Visual Studio Code (VS Code) – for writing and editing HTML code.

Chrome Browser (Live Preview) – for real-time testing and viewing of web pages.

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TASK FOR TOMORROW:

Prepare the Introduction to CSS — understand the purpose of CSS, its types (inline, internal, external), and basic syntax to style HTML pages effectively.

01_Day1_code.html

```html
<!DOCTYPE html>

<head>

<img src="logo_17.png" alt="GNDEC Logo" width="300" height="300">

<br>

<h1> GURU NANAK DEV ENGINEERING COLLEGE </h1>

<h2> Day 1 [19th June 2025] </h2>

</head>

<body>

<h3> <marquee> Starting My Day 1 Code </marquee></h3>

 <b> Introduction to HTML: </b> <ol type = "a" > <li> Purpose and structure of HTML for web page creation </li>

<li> Basic Structure of HTML </li>

<li> Elements and Attributes </li>

<li> Headings, Paragrahs, links and images </li> </ol>

<ul> For more information, visit  <a href="https://www.w3schools.com/html/"> W3Schools.com!</a> </ul>

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</body>

</html>
```

GURU NANAK DEV ENGINEERING COLLEGE

Day 1 [19th June 2025]

Starting My Day 1 Code

Introduction to HTML:

    a. Purpose and structure of HTML for web page creation
    b. Basic Structure of HTML
    c. Elements and Attributes
    d. Headings, Paragrahs, links and images

    For more information, visit W3Schools.com!

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