# Training Day 1 Daily Dairy

19 june 2025

## Day 1 – HTML Basics

### Introduction to HTML and Its Purposes

HTML (HyperText Markup Language) is the foundation of web development. It structures content like text, links, and images for web pages.

### Structure of an HTML Document

An HTML page starts with:

```
<!DOCTYPE html>
<html>
  <head>Metadata, title, CSS links</head>
  <body>Visible page content</body>
</html>
```

### Basic Tags

- <h1>–<h6>: Headings
- <p>: Paragraph
- <a>: Hyperlink
- <img>: Displays an image

### HTML Elements & Attributes

Elements are HTML building blocks (like <p>). Attributes add extra info, e.g., <img src="image.jpg" alt="desc">.

### Headings and Paragraphs

Use headings to structure content hierarchically. Paragraphs (<p>) are for regular text.

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# Links

<a href="URL">Text</a> creates clickable links to external pages or files.

# Images

<img src="path.jpg" alt="desc"> displays an image with alternate text if the image can't load.

# Lists

- **Unordered List:** <ul> uses bullets
- **Ordered List:** <ol> uses numbers
- Items go inside <li>

# Tables

- <table> creates a table
- <tr> for table rows
- <th> for header cells
- <td> for data cells

# Forms and Inputs

Forms collect user data. Example:

```
<form>
  <input type="text">
  <input type="email">
  <input type="password">
</form>
```

# Semantic Tags

These describe meaning, not just layout:

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- <header>: Top of page
- <footer>: Bottom of page
- <section>: Logical grouping
- <article>: Standalone content

## Tools Used

- **Visual Studio Code**: Coding editor
- **Browser (Chrome)**: To run and test HTML

## Applications

- Used to design web pages and apps
- Forms the base for styling (CSS) and behavior (JavaScript)
- Ensures accessible, structured content

**TASK FOR TOMORROW**

 Prepare the Introduction to CSS — understanding styles, types of CSS, and basic syntax.

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