

# Internship Report – Week 2 – Day 2: Practical Implementation of HTML

**Date:** 24<sup>th</sup> June, 2025

## Overview

Today marked my second day as a frontend development intern, where I transitioned from theoretical learning to hands-on practice. Using W3Schools as a reference, I implemented the HTML concepts learned on Day 1 into functional code. This report highlights my approach, key implementations, and challenges faced during the process.

## Implementation Highlights

### 1. Structuring a Basic HTML Document

- Applied the HTML boilerplate to create a well-formed webpage, ensuring proper document type declaration and hierarchical placement of `<head>` and `<body>` sections.
- Experimented with `<title>` to understand its role in browser tabs and SEO.

### 2. Text Formatting and Layout

- Used paragraph tags to organize content into readable blocks.
- Practiced line breaks and horizontal rules to control spacing and visual separation between sections.

### 3. Building Tables

- Designed a table to display structured data, incorporating rows, headers, and cells.
- Faced initial difficulty aligning columns but resolved it by revisiting the `<th>` and `<td>` usage.

```
<table>
<tr>
  <th>Person 1</th>
  <th>Person 2</th>
  <th>Person 3</th>
</tr>
<tr>
  <td>Emil</td>
  <td>Tobias</td>
  <td>Linus</td>
</tr>
<tr>
  <td>16</td>
  <td>14</td>
  <td>10</td>
</tr>
</table>
```

Person 1	Person 2	Person 3
Emil	Tobias	Linus
16	14	10

## 4. Creating Forms

- Developed a user input form with text fields and a submit button.
- Learned about the importance of the name attribute for form data handling.

```
<h1>Sample form</h1>

<form>
<label for="First-Name">First Name: </label>
<input type="text" placeholder="xyz"><br><br>

<label for="Gender">Gender:</label>
<br>

<input type="radio">
<label for="Gender-M">Male</label>
<br>

<input type="radio">
<label for="Gender-F">Female</label>
<br>
```

### Sample form

First Name:

Gender:  
☐ Male  
☐ Female  
☐ Others

## 5. Implementing Lists

- Created both ordered and unordered lists to present information in a structured manner.
- Explored nested lists to understand hierarchical data representation.

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## Key Learnings

- **Hands-on Practice:** Writing actual code solidified my understanding of HTML's role in web development.
- **Documentation Reliance:** W3Schools served as a valuable resource for clarifying doubts and exploring best practices.

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