

Seminar Session 1: HTML Basics

Part 1: Practical Task

Objective: Build a webpage using the concepts learned: comments, headings, paragraphs, breaks, text formatting (bold, italics, emphasis, strong), and the <head> tag.

Instructions:

1. Basic Page Setup (10 minutes):

- Create a basic HTML structure (<!DOCTYPE html>, <html>, <head>, <body>).
- Set the title of the page as "HTML Basics - Lab Exercise" using the <title> tag.
- Add a **comment** at the top explaining the purpose of the lab.

2. Content Section (15 minutes):

- Create a main heading (<h1>) that says: "Exploring HTML Tags".
- Add a **paragraph** introducing yourself. Include **bold** () for your name and **italic** (<i>) for your favorite hobby.
- Write a second paragraph about what you've learned about HTML so far. Use the **strong** () tag to highlight something important.
- Use the **emphasis** () tag to emphasize any new concept you found challenging or exciting.
- Add a **line break** (
) where needed to separate the lines of your content.

3. Advanced Formatting (10 minutes):

- Add a second-level heading (<h2>) called "HTML Tag List".
- List five HTML tags you've learned on different lines (e.g., , <i>, , , <h1>).
- For each tag, write a description in **italics** and provide an example in **bold**.

Part 2: Research Task

Objective: Explore how HTML tags are used in real-world websites.

Task:

- Visit any three websites and **inspect** the HTML structure using the browser's developer tools (Right-click on the page and select "Inspect").
- Identify three different HTML tags that were used on the webpage. Write down:
 - The tag name
 - The content inside the tag
 - The tag's purpose on the website.

Submission Instructions for Lab Session

1. Part 1 - HTML Code and Output:

- Copy your HTML code into a word file.
- Take a **screenshot** of your webpage output in the browser.
- Combine both your code and output screenshot into **one document**.

2. Part 2 - Website Research:

- For each website:
 - Write the **website name**.
 - **Screenshot** the inspect element showing the HTML tags.
 - Answer the questions on tag names, content, and purpose.
- Include these answers in the **same document**.

3. Final Submission:

- Create **one PDF** containing both parts.
- Upload **the PDF** to Moodle before the deadline.