

Problem Statement: Build a One-Page “About Me & Resources” Website

Background

You’ve studied the **HTML document skeleton** (doctype, <html>, <head>, <title>, <body>), headings, paragraphs, line breaks, horizontal rules, and comments (Day 1). You also learned **text formatting** (e.g., , , <mark>, <sub>, <sup>), **lists** (, , <dl>), and **hyperlinks** (external and in-page anchors) (Day 2).

Goal

Create a clean, single HTML page that demonstrates correct structure and semantics from **Day 1** and **Day 2** topics. The page should be clear, readable, and easy to navigate.

Learning Outcomes

By completing this exercise, you will be able to:

1. Compose a valid HTML5 page with the required skeleton and basic elements.
2. Apply semantic text formatting to convey meaning (importance, emphasis, highlight).
3. Organize information using ordered, unordered, and definition lists.
4. Create working external links (new tab) and in-page anchor links.

Task Description

Build a page titled “**About Me & Resources**” with the following sections:

- **Welcome** (brief intro)
- **My Daily Routine** (steps as a numbered list)
- **Favorites** (bulleted list)
- **Tech Dictionary** (definition list)
- **Learn More** (links)

Detailed Requirements

1) Page Structure (must-have)

- Use <!DOCTYPE html>, <html>, <head>, <title>, <body>.
- Include at least **one HTML comment**, **two headings**, **two paragraphs**, **one line break** (
), and **one horizontal rule** (<hr>).

2) Text Formatting (semantic)

- Use and at least once (prefer these over /<i> for meaning).

- Use **one extra formatting tag** such as <mark>, <sub>, <sup>, , or <ins> to demonstrate richer inline semantics.

3) Lists

- **Ordered list ()** for your daily routine (min. 4 steps).
- **Unordered list ()** of 3–5 favorites (books, foods, tools, etc.).
- **Definition list (<dl>)** with at least 3 tech terms (<dt>) and definitions (<dd>).

4) Links

- **External link** to a learning resource that opens in a **new tab** (target="_blank"; include rel="noopener").
- **In-page anchor**: a small “Jump to Dictionary” link near the top that scrolls to the **Tech Dictionary** section using an id and href="#id".

5) Content & Semantics

- Keep text meaningful and concise; avoid placeholder gibberish.
- Use headings hierarchically (e.g., one <h1> for page title, <h2> for sections).

Constraints

- **No CSS or JavaScript** required; focus purely on HTML from Day 1 & Day 2.
- Ensure the file is **valid HTML5** and renders without errors in a modern browser.

Deliverables

- A single file named **index.html** that fulfills all requirements above.
- Optional (if asked by your instructor): a short **comment** at the bottom of the page summarizing what you practiced.

Evaluation Rubric (100 points)

- **Structure & Basics (25 pts)**: Correct skeleton, headings/paragraphs, comment,
, <hr>.
- **Text Formatting (25 pts)**: Appropriate use of , , and one additional formatting tag.
- **Lists (25 pts)**: Proper and readable , , and <dl> with relevant content.
- **Links (25 pts)**: Working external link in new tab and a functioning in-page anchor jump.

Self-Check (before submission)

- Do you see a proper title in the browser tab? Are headings and paragraphs structured logically?
- Can you identify where emphasis vs. importance is conveyed using `` vs. ``?
- Do the three list types render correctly (numbers, bullets, term/definition)?
- Does the external link open in a new tab, and does “Jump to Dictionary” take you to the dictionary section?

Reference: Day 1—Introduction to HTML (structure, headings, paragraphs, line breaks, horizontal rule, comments).

Reference: Day 2—Text Formatting, Lists & Links (formatting tags, lists, anchors, target attributes).