

Internet and Web Technology Lab

Dept. of CSE, Silicon University

Assignment 1

Create a single HTML file to solve the following problems:

1. **Write HTML code to do the following tasks.**

- Change the title of the page to “**Internet and Web Technology Lab**”.
- Display the heading “*Web Technology Basics*” using an <h1> tag.
- Add at least two paragraphs describing the importance of web development.
- Create a hyperlink with a display text “Read More” to go to <https://en.wikipedia.org/wiki/Internet>.
- Create another link to open Google in a new tab.
- Insert an image of your choice into the webpage and control its height and width using attributes.

2. **Write HTML code to generate the Lists**

- Create an **unordered list** of at least five web browsers.
- Create an **ordered list** of at least five popular programming languages.
- Create a **nested list** showing *Frontend Technologies* (HTML, CSS, JavaScript) and *Backend Technologies* (Java, Python, PHP).

3. **Write an HTML snippet to display the following text using proper formatting tags:**

- Display the sentence “**Internet and Web Technology**” in **bold**.
- Display the word “*HTML*” in **italic**.
- Display the phrase “**Core Concepts**” with an **underline**.
- Write the formula for the square of a binomial:
$$(A+B)^2 = A^2 + B^2 + 2AB$$
- Write the chemical formula for water as: H₂O

4. Create a navigation menu at the top with 3 links: Basic Tags, Lists, and Formatting Tags. On clicking each link, the page should scroll to the respective section (use bookmarks/anchors).
5. Download icons of LinkedIn and GitHub and add them to your page in such a way that once you click on them, they will take you to your respective profiles.