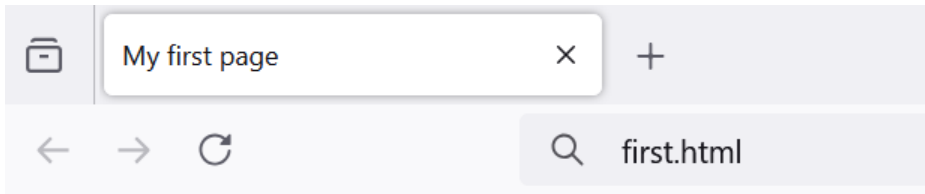


Lab: HTML and CSS: Tags and Selectors

1. First HTML Page

Create a Web Page like the following:



This is my first **HTML** page!

Create a file named **first.html**.

Requirements

- Title: **My first page**
- **** tag for **bold** text
- **<p>** tag for paragraph

2. ToDo List

Build a simple ToDo List using HTML and CSS.



Requirements

- **HTML Document Setup:**
 - Create an **HTML** document named **todo-list.html**.
 - Include a basic **HTML** structure (**<!DOCTYPE html>**, **<html>**, **<head>**, **<body>**).
- **CSS File Setup:**
 - Create a **CSS** file named **todo-list.css**.
 - Link the **todo-list.css** file to your **todo-list.html** document using the **<link>** tag in the **<head>** section.
- **Structure:**
 - Use 2 unordered lists to represent tasks that are outstanding and tasks that are done

3. Navigation Bar

Build a simple navigation bar using HTML and CSS that includes links to different sections of a website.

Requirements

- **HTML Document Setup:**
 - Create an **HTML** document named **navigation.html**.
 - Include the basic **HTML** structure (doctype, html, head, body).
- **CSS File Setup:**
 - Create a **CSS** file named **navigation.css**.
 - Link the **navigation.css** file to your **navigation.html** document using the **<link>** tag in the **<head>** section.
- **Structure:**
 - The navigation bar should be contained within a **<nav>** element.
 - Include an unordered list (****) within the **<nav>** element. Each item in the list (****) represents a link (**<a>**) to a section of the website (e.g., Home, About, Services, Contact).

4. List of blog posts

Develop a simple webpage that displays a list of blog posts, each with a title, an excerpt, and meta information including the post time and author.

The Evolution of Web Design

March 10, 2024 by Alex Johnson

Web design has come a long way since the early days of the internet...

Understanding CSS Grid

March 15, 2024 by Sam Lee

CSS Grid is a powerful layout system available in CSS...

Requirements

- **HTML Document Setup:**
 - Create an **HTML** document named **list-of-posts.html**.
 - Ensure the document includes the basic HTML structure (doctype, html, head, body).
- **CSS File Setup:**
 - Create a **CSS** file named **list-of-posts.css**.
 - Link the **list-of-posts.css** file to your **list-of-posts.html** document using the **<link>** tag in the **<head>** section.
- **Blog Posts Structure:**
 - Use an **<article>** element for each blog post to semantically represent the content.
 - Within each **<article>**, include a **<header>** element that contains the post title (**<h2>**), post time (**<time>**), and author (**** or **<p>**).
 - Follow the header with a paragraph (**<p>**) serving as the post excerpt or summary.

5. Single Blog Post Page with Comments

Create a single blog post page that displays the post content along with a comments section below it.

Blog Post Title

Posted by **Author Name** on January 24, 2024

This is the introduction of your blog post...

Comments

John Doe - January 25, 2024

This is a comment on the blog post.

Requirements

- **HTML Document Setup:**
 - Create an **HTML** document named **single-post.html**.
 - Include the standard HTML structure (`<!DOCTYPE html>`, `<html>`, `<head>`, `<body>`).
- **CSS File Setup:**
 - Create a **CSS** file named **single-post.css**.
 - Link the **single-post.css** file to your **single-post.html** document using the `<link>` tag in the `<head>` section.
- **Structure:**
 - Use semantic **HTML** to structure the blog post. This should include a `<header>` with the post title (`<h1>`) and metadata such as the author and publish date (`<p>`).
 - Include a `<main>` section for the blog post content, utilizing `<p>` for paragraphs, `<h2>` for subheadings, and other relevant tags as needed for the content (e.g., `` for images, `<blockquote>` for quotes).
 - Below the blog post, include a `<section>` for comments. Each comment should be contained within an `<article>` tag, with a `<header>` for the commenter's name and the comment date, and a `<p>` for the comment text.