



HOMEWORK ASSIGNMENT 1

CSCI 571 – Fall 2024

[Abstract](#)

Client-side static pages using HTML and CSS

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Homework 1: Client-side Static pages using HTML and CSS

1. Objectives

- Get experience with HTML and CSS programming.
- Learn how to imitate a web page.

2. Description

You should be able to compose documents directly in HTML and CSS. This is very helpful as it is often necessary to modify existing documents. Also, when writing server-side scripts one must generate HTML.

- In this assignment, you are given an image of a web page. Your task is to reproduce the page as closely as possible, writing HTML and CSS directly, that is **without using anything more than a text editor**. Screen shots of the web page to be imitated can be found following in the D2L Brightspace Assignment folder.
- Video is available on the D2L Brightspace assignment folder.
- **Important Note:** use of CSS is required
- You will need three (3) image to help you complete the web page: lawyer.jpg, glasses.jpg, and notebook.jpg.
- You will also need five (5) images of social network icons: facebook.png, instagram.png, tiktok.png, x.png and youtube.png.
- All 8 images can be found zipped in the D2L Brightspace Assignment folder. You should not use any other image.
- Please note that if you view the image of the sample web page in a browser, some browsers will automatically resize the image to fit within the browser window.
- The page contains three (3) active links within the text. The links are labeled “About”, “Projects”, and “Services.”
- On the page you are going to build, the three (3) active text links should be made to point to the same page, named page2.html at your website. The page page2.html should be divided into 3 parts. Each part will begin with a paragraph tag that looks like this

```
<p id="about">
```

This is the start of page2.html which corresponds to the “About” link.

- You are to construct the three (3) links so that when a person clicks on a link, (e.g. they click on “About”) the page page2.html is displayed (on a new “tab” or a new popup window, depending on user selection) and the section of page2.html that has the corresponding name as the name of the link, is placed at the top, (i.e. the page scrolls up). The scrolling will not be visible, unless your target id’s are spaced by inches.
- The 5 social network icons are not functional and should not hyperlink to any site.
- To test your assignment, please view your web page using the latest version of Firefox. Resize your browser window to the same size as the “top” JPG image (lawyer.jpg) and then see if you have used the correct font, color and size, and if the position of text is correct.
- The video provided shows the expected functionality, especially the behavior to be implemented in CSS.

3. Submission

In your course homework page, you should update the **Assignment 1** hyperlink to refer to your new initial search page for this exercise (for example, **lawyer.html**). Your files must be hosted on GitHub Pages. Graders will verify that this link is indeed pointing to a GitHub Pages.

Also, submit your source code files to DEN D2L. Submit a **single ZIP file** containing 2 HTML files and a CSS file.

****IMPORTANT**:**

All discussions and explanations in Piazza related to this homework are part of the homework description and grading guidelines. So please review all Piazza threads, before finishing the assignment. If there is a clarification on Piazza that conflicts with this description and/or the grading guidelines, **Piazza always rules**. In most cases, the clarification is related to an error in the description, or missing information from the description, but **no additional functionality**.